

Pensieve header: APAI for links, using the adjugate matrix (by Roland).

APAI for links, adj version.

```
In[*]:= Once[<< KnotTheory`]
```

Loading KnotTheory` version of February 2, 2020, 10:53:45.2097.
Read more at <http://katlas.org/wiki/KnotTheory>.

A version of Dror's Rot program that computes the rotation numbers from PD code of a link (the component containing edge 1 is assumed to be opened)

The output is a list of crossings each written as {sign, i , j , i^+ , j^+ } and a list of rotation numbers for the edges. There are $2cr+1$ edges where cr is the number of crossings.

```
In[*]:= NextHead[fr_] := Min[Select[fr, (Abs[#] > 1 && IntegerQ[#]) &]]
FindNextCross[todo_, Nh_] :=
  First@Select[todo, If[PositiveQ[#], #[[1]] == Nh || #[[4]] == Nh, #[[1]] == Nh || #[[2]] == Nh] &]
Bend[X[a_, b_, c_, d_], h_] := If[PositiveQ[X[a, b, c, d]],
  If[h == a, {I d, c, b}, {c, b, -I a}], If[h == a, {d, c, -I b}, {I a, d, c}]]
CheckCap[fr_, rots_] := Module[{i, newrots = rots, newfront = fr},
  Do[If[Abs[fr[[i]]] === Abs[fr[[i + 1]]],
    If[IntegerQ[fr[[i]]], newrots[[Abs[fr[[i]]]] = (-I + fr[[i + 1]] / fr[[i]]) / (2 I),
      newrots[[Abs[fr[[i]]]] = (I + fr[[i]] / fr[[i + 1]]) / (2 I)];
    newfront = Delete[newfront, {{i}, {i + 1}}]; Break[];
  ], {i, Length[fr] - 1}];
  Return[{newfront, newrots}]
]
RotLink[pd_] :=
  Module[{safety = 0, front = {1}, Nh = 1, rots = ConstantArray[0, 2 Length[pd] + 1]},
  While[safety < 1000 && ! (front === {1} && Nh == 1),
    safety++;
    If[Length[SequenceCases[Abs /@ front, {a_, a_}]] > 0,
      {front, rots} = CheckCap[front, rots];
      front = Flatten[front /. Nh -> Bend[FindNextCross[pd, Nh], Nh]]
    ];
    Nh = NextHead[front];
  ];
  Return[
    {Cases[List@@pd, X[a_, b_, c_, d_] -> If[PositiveQ[X[a, b, c, d]], {1, d, a, b, c},
      {-1, b, a, d, c}]] /. {{s_, k_, l_, 1, m_} -> {s, k, l, 2 Length[pd] + 1, m},
      {s_, k_, l_, m_, 1} -> {s, k, l, m, 2 Length[pd] + 1}}, rots];
  ]
]
```

A slight modification of the usual APAI program to compute for rotational link diagrams.

```

In[*]:= adj[m_] := Map[Reverse, Minors[Transpose[m], Length[m] - 1], {0, 1}]
      Table[(-1)^(i + j), {i, Length[m]}, {j, Length[m]}]

ρ[Cs_, φ_] := Module[{n, A, s, i, j, k, Δ, G, ρ1},
  R1[s_, i_, j_, ip_, jp_] := s (gji (gjp,j + gj,jp - gij) - gii (gj,jp - Δ 1) - Δ2 1 / 2);
  n = Length[Cs];
  A = IdentityMatrix[2 n + 1];
  Cases[Cs, {s_, i_, j_, ip_, jp_} >=> (A[[{i, j}], {ip, jp}] += (
    
$$\begin{pmatrix} -T^5 & T^5 - 1 \\ 0 & -1 \end{pmatrix}$$

  ))];
  Δ = T^(-Total[φ] - Total[Cs[[All, 1]]) / 2) Det[A];
  G = T^(-Total[φ] - Total[Cs[[All, 1]]) / 2) adj[A];
  ρ1 = ∑k=1n R1@@Cs[[k]] - Δ ∑k=12n φ[[k]] (gkk - Δ 1 / 2);
  Factor@Expand@Factor@{Δ, ρ1 /. α_+ >=> α + 1 /. gα,β_ >=> G[[α, β]]};
  ρLink[L_] := {L, ρ@@RotLink[PD[L]]}

```

```
In[*]:= ρLink /@ AllKnots[{3, 5}] // Column
```

 KnotTheory: Loading precomputed data in PD4Knots`.

```
Out[*]=
```

$$\left\{ \text{Knot}[3, 1], \left\{ \frac{1-T+T^2}{T}, \frac{(-1+T)^2(1+T^2)}{T^2} \right\} \right\}$$

$$\left\{ \text{Knot}[4, 1], \left\{ -\frac{1-3T+T^2}{T}, 0 \right\} \right\}$$

$$\left\{ \text{Knot}[5, 1], \left\{ \frac{1-T+T^2-T^3+T^4}{T^2}, \frac{(-1+T)^2(1+T^2)(2+T^2+2T^4)}{T^4} \right\} \right\}$$

$$\left\{ \text{Knot}[5, 2], \left\{ \frac{2-3T+2T^2}{T}, \frac{(-1+T)^2(5-4T+5T^2)}{T^2} \right\} \right\}$$

```
In[*]:= ρLink /@ AllLinks[{2, 10}] // Column
```

 KnotTheory: Loading precomputed data in PD4Links`.

```
Out[*]=
```

$$\left\{ \text{Link}[2, \text{Alternating}, 1], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})}{\sqrt{T}}, \frac{(-1+T)^2}{2T} \right\} \right\}$$

$$\left\{ \text{Link}[4, \text{Alternating}, 1], \left\{ \frac{2(-1+\sqrt{T})(1+\sqrt{T})}{\sqrt{T}}, \frac{3(-1+T)^2}{T} \right\} \right\}$$

$$\left\{ \text{Link}[5, \text{Alternating}, 1], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3}{T^{3/2}}, \frac{(-1+T)^2(1+T^2)(1-4T+T^2)}{2T^3} \right\} \right\}$$

$$\left\{ \text{Link}[6, \text{Alternating}, 1], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+T^2)}{T^{3/2}}, \frac{(-1+T)^2(1-8T+16T^2-8T^3+T^4)}{2T^3} \right\} \right\}$$

$$\left\{ \text{Link}[6, \text{Alternating}, 2], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-T+2T^2)}{T^{3/2}}, \frac{(-1+T)^2(14-12T+23T^2-12T^3+14T^4)}{2T^3} \right\} \right\}$$

$$\left\{ \text{Link}[6, \text{Alternating}, 3], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-\sqrt{T}+T)(1+\sqrt{T}+T)(1-T+T^2)}{T^{5/2}}, \frac{(-1+T)^2(5+8T^2+9T^4+8T^6+5T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[6, \text{Alternating}, 4], \left\{ \frac{(-1+T)^4}{T^2}, 0 \right\} \right\}$$

$$\left\{ \text{Link}[6, \text{Alternating}, 5], \left\{ \frac{3(-1+T)^2}{T}, \frac{2(-1+T)^2(6-11T+6T^2)}{T^2} \right\} \right\}$$

$$\left\{ \text{Link}[6, \text{NonAlternating}, 1], \left\{ -\frac{(-1+T)^2}{T}, \frac{2(-1+T)^2}{T} \right\} \right\}$$

$$\left\{ \text{Link}[7, \text{Alternating}, 1], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+T^2)}{T^{5/2}}, -\frac{(-1+T)^2(1-6T+15T^2-18T^3+20T^4-18T^5+15T^6-6T^7+T^8)}{2T^5} \right\} \right\}$$

$$\begin{aligned}
 & \left\{ \text{Link}[7, \text{Alternating}, 2], \left\{ \frac{(-1+T)(3-4T+3T^2)}{T^2}, \frac{(-1+T)^2(9-18T+18T^2-11T^3+2T^4+3T^5)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[7, \text{Alternating}, 3], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+T^2)}{T^{5/2}}, -\frac{(-1+T)^2(3-12T+18T^2-24T^3+22T^4-24T^5+18T^6-12T^7+3T^8)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[7, \text{Alternating}, 4], \left\{ \frac{2(-1+\sqrt{T})^3(1+\sqrt{T})^3}{T^{3/2}}, -\frac{(-1+T)^2(3-12T+14T^2-12T^3+3T^4)}{T^3} \right\} \right\} \\
 & \left\{ \text{Link}[7, \text{Alternating}, 5], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-2+T)(-1+2T)}{T^{3/2}}, \frac{(-1+T)^2(2-6T-9T^2+18T^3-16T^4+4T^5)}{2T^3} \right\} \right\} \\
 & \left\{ \text{Link}[7, \text{Alternating}, 6], \right. \\
 & \quad \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-2T+T^2-2T^3+T^4)}{T^{5/2}}, -\frac{(-1+T)^2(3-12T+14T^2-16T^3+15T^4-16T^5+14T^6-12T^7+3T^8)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[7, \text{Alternating}, 7], \left\{ \frac{(-1+T)^2(1-3T+T^2)}{T^2}, \frac{2(-1+T)^2(1-3T+T^2)}{T^2} \right\} \right\} \\
 & \left\{ \text{Link}[7, \text{NonAlternating}, 1], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T^4)}{T^{5/2}}, \frac{(-1+T)^2(5+4T^4+5T^8)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[7, \text{NonAlternating}, 2], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3}{T^{3/2}}, \frac{(-1+T)^2(1-8T+10T^2-8T^3+T^4)}{2T^3} \right\} \right\} \\
 & \left\{ \text{Link}[8, \text{Alternating}, 1], \right. \\
 & \quad \left. \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)}{T^{5/2}}, \frac{(-1+T)^2(1-3T+T^2)(1-7T+19T^2-22T^3+19T^4-7T^5+T^6)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[8, \text{Alternating}, 2], \left\{ -\frac{(-1+T)^5}{T^2}, -\frac{(-1+T)^4(-1+2T-4T^2+10T^3-6T^4+T^5)}{T^3} \right\} \right\} \\
 & \left\{ \text{Link}[8, \text{Alternating}, 3], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(3-8T+3T^2)}{T^{3/2}}, \frac{(-1+T)(2-3T+2T^2)(3-17T+26T^2-11T^4+3T^5)}{2T^4} \right\} \right\} \\
 & \left\{ \text{Link}[8, \text{Alternating}, 4], \left\{ \frac{(-1+\sqrt{T})^5(1+\sqrt{T})^5}{T^{5/2}}, -\frac{(-1+T)^4(-1+4T-3T^2-8T^3+9T^4-6T^5+T^6)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[8, \text{Alternating}, 5], \right. \\
 & \quad \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+4T^2-4T^3+T^4)}{T^{5/2}}, -\frac{(-1+T)^2(1-8T+20T^2-16T^3+8T^4-16T^5+20T^6-8T^7+T^8)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[8, \text{Alternating}, 6], \left\{ -\frac{2(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)}{T^{3/2}}, \frac{(-1+T)^2(1-3T+T^2)(1-T+T^2)}{T^3} \right\} \right\} \\
 & \left\{ \text{Link}[8, \text{Alternating}, 7], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(5-8T+5T^2)}{T^{3/2}}, \frac{9(-1+T)^2(11-32T+44T^2-32T^3+11T^4)}{2T^3} \right\} \right\} \\
 & \left\{ \text{Link}[8, \text{Alternating}, 8], \right. \\
 & \quad \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)(1-T+T^2)}{T^{5/2}}, -\frac{(-1+T)^2(1-3T+T^2)(1-5T+4T^2+T^3+4T^4-5T^5+T^6)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[8, \text{Alternating}, 9], \right. \\
 & \quad \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+7T^2-4T^3+T^4)}{T^{5/2}}, \frac{(-1+T)^2(1-8T+32T^2-64T^3+79T^4-64T^5+32T^6-8T^7+T^8)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[8, \text{Alternating}, 10], \left\{ \frac{(-1+T)(4-5T+4T^2)}{T^2}, -\frac{(-1+T)^2(8-50T+100T^2-122T^3+91T^4-41T^5+4T^6)}{T^5} \right\} \right\} \\
 & \left\{ \text{Link}[8, \text{Alternating}, 11], \right. \\
 & \quad \left. \left\{ \frac{(-1+T)(2-2T+3T^2-2T^3+2T^4)}{T^3}, -\frac{(-1+T)^2(2-17T+35T^2-60T^3+73T^4-80T^5+70T^6-55T^7+31T^8-15T^9+2T^{10})}{T^7} \right\} \right\} \\
 & \left\{ \text{Link}[8, \text{Alternating}, 12], \right. \\
 & \quad \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-2T+2T^2-T^3+2T^4)}{T^{5/2}}, \frac{(-1+T)^2(22-20T+41T^2-32T^3+50T^4-32T^5+41T^6-20T^7+22T^8)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[8, \text{Alternating}, 13], \left\{ \frac{4(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)}{T^{3/2}}, \frac{2(-1+T)^2(16-28T+39T^2-28T^3+16T^4)}{T^3} \right\} \right\} \\
 & \left\{ \text{Link}[8, \text{Alternating}, 14], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T^2)(1+T^4)}{T^{7/2}}, \frac{(-1+T)^2(7+12T^2+15T^4+16T^6+15T^8+12T^{10}+7T^{12})}{2T^7} \right\} \right\}
 \end{aligned}$$

$$\begin{aligned}
& \left\{ \text{Link}[8, \text{Alternating}, 15], \left\{ -\frac{(-1+T)^2(1-5T+T^2)}{T^2}, \frac{(-1+T)^2(1-12T+45T^2-66T^3+45T^4-12T^5+T^6)}{T^4} \right\} \right\} \\
& \left\{ \text{Link}[8, \text{Alternating}, 16], \left\{ \frac{(-1+T)^4(1+T^2)}{T^3}, -\frac{(-1+T)^4(1-4T+7T^2-6T^3+8T^4-6T^5+7T^6-4T^7+T^8)}{T^5} \right\} \right\} \\
& \left\{ \text{Link}[8, \text{Alternating}, 17], \left\{ \frac{(-1+T)^2(3-3T+T^2)}{T^2}, \frac{(-1+T)^2(21-52T+78T^2-90T^3+78T^4-52T^5+21T^6)}{T^4} \right\} \right\} \\
& \left\{ \text{Link}[8, \text{Alternating}, 18], \right. \\
& \quad \left. \left\{ -\frac{(-1+T)^2(1-T+T^2-T^3+T^4)}{T^3}, -\frac{(-1+T)^2(1+T^2)(2-8T+11T^2-10T^3+8T^4-10T^5+11T^6-8T^7+2T^8)}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[8, \text{Alternating}, 19], \left\{ -\frac{(-1+T)^2(1-T+T^2)^2}{T^3}, \mathbf{0} \right\} \right\} \\
& \left\{ \text{Link}[8, \text{Alternating}, 20], \left\{ \frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(-1-2\sqrt{T}+T)(-1+2\sqrt{T}+T)}{T^{5/2}}, -\frac{(-1+T)^4(1-6T+T^2)(1-10T+5T^2)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[8, \text{Alternating}, 21], \left\{ \frac{4(-1+\sqrt{T})^3(1+\sqrt{T})^3}{T^{3/2}}, \frac{2(-1+T)^4(15-26T+15T^2)}{T^3} \right\} \right\} \\
& \left\{ \text{Link}[8, \text{NonAlternating}, 1], \right. \\
& \quad \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-2T-2T^3+T^4)}{T^{5/2}}, \frac{(-1+T)^2(3-12T+10T^2-4T^3+12T^4-4T^5+10T^6-12T^7+3T^8)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[8, \text{NonAlternating}, 2], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3}{T^{3/2}}, -\frac{(-1+T)^2(-1-2T+T^2)(-1+2T+T^2)}{2T^3} \right\} \right\} \\
& \left\{ \text{Link}[8, \text{NonAlternating}, 3], \left\{ \frac{(-1+T)^2(1+T+T^2+T^3+T^4)}{T^3}, \frac{(-1+T)^2(3-2T^5+3T^{10})}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[8, \text{NonAlternating}, 4], \left\{ -\frac{(-1+T)^2(1-T+T^2)}{T^2}, \frac{(-1+T)^2(1+T^2)(1-6T+8T^2-6T^3+T^4)}{T^4} \right\} \right\} \\
& \left\{ \text{Link}[8, \text{NonAlternating}, 5], \left\{ -\frac{(-1+T)^4}{T^2}, \frac{(-1+T)^4(1-6T+6T^2-6T^3+T^4)}{T^4} \right\} \right\} \\
& \left\{ \text{Link}[8, \text{NonAlternating}, 6], \left\{ \frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(1+T)^2}{T^{5/2}}, \frac{(-1+T)^4(1+T)^2(3+2T+7T^2)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[8, \text{NonAlternating}, 7], \left\{ \frac{2(-1+\sqrt{T})^3(1+\sqrt{T})^3}{T^{3/2}}, -\frac{(-3+T)(-1+T)^4(-1+3T)}{T^3} \right\} \right\} \\
& \left\{ \text{Link}[8, \text{NonAlternating}, 8], \left\{ \mathbf{0}, \mathbf{0} \right\} \right\} \\
& \left\{ \text{Link}[9, \text{Alternating}, 1], \right. \\
& \quad \left. \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-3T+2T^2)}{T^{3/2}}, \frac{(-1+T)^2(-18+142T-465T^2+884T^3-1112T^4+958T^5-561T^6+208T^7-44T^8+4T^9)}{2T^3} \right\} \right\} \\
& \left\{ \text{Link}[9, \text{Alternating}, 2], \right. \\
& \quad \left. \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+T^2-T^3+T^4)}{T^{7/2}}, -\frac{(-1+T)^2(1+T^2)(3-18T+46T^2-62T^3+54T^4-44T^5+54T^6-62T^7+46T^8-18T^9+3T^{10})}{2T^7} \right\} \right\} \\
& \left\{ \text{Link}[9, \text{Alternating}, 3], \right. \\
& \quad \left. \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-3T+2T^2)}{T^{5/2}}, -\frac{(-1+T)^2(6-40T+127T^2-232T^3+282T^4-232T^5+127T^6-40T^7+6T^8)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[9, \text{Alternating}, 4], \right. \\
& \quad \left. \left\{ \frac{2(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+T^2)}{T^{5/2}}, \frac{(-1+T)^2(2-19T+80T^2-189T^3+306T^4-362T^5+324T^6-211T^7+94T^8-23T^9+2T^{10})}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[9, \text{Alternating}, 5], \right. \\
& \quad \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-7T+10T^2-7T^3+T^4)}{T^{5/2}}, -\frac{(-1+T)^2(-1+4T+15T^2-60T^3+120T^4-174T^5+131T^6-46T^7+5T^8)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[9, \text{Alternating}, 6], \right. \\
& \quad \left. \left\{ \frac{(-1+T)(1+T^2)(3-5T+3T^2)}{T^3}, \frac{(-1+T)^2(18-53T+94T^2-125T^3+132T^4-117T^5+83T^6-42T^7+10T^8+3T^9)}{T^6} \right\} \right\}
\end{aligned}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 7], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(5-8T+5T^2)}{T^{3/2}}, -\frac{(-1+T)(-50+267T-655T^2+946T^3-884T^4+515T^5-153T^6+10T^7)}{2T^4} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 8], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-4T+T^2)}{T^{3/2}}, -\frac{(-1+T)^2(2-15T+36T^2-30T^3-16T^4+92T^5-138T^6+76T^7-16T^8+T^9)}{2T^4} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 9], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+T^2)(1-T+T^2)}{T^{7/2}}, \frac{(-1+T)^2(1-6T+19T^2-38T^3+49T^4-56T^5+54T^6-56T^7+49T^8-38T^9+19T^{10}-6T^{11}+T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 10], \left\{ -\frac{2(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+T^2)}{T^{5/2}}, -\frac{(-1+T)^2(1-3T+T^2)(1-3T-T^2+2T^3-T^4-3T^5+T^6)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 11], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-6T+12T^2-6T^3+T^4)}{T^{5/2}}, -\frac{(-1+T)^2(-3+30T-128T^2+278T^3-296T^4+122T^5-8T^6-6T^7+T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 12], \left\{ \frac{(-1+T)(3-4T+4T^2-4T^3+3T^4)}{T^3}, \frac{(-1+T)^2(18-42T+60T^2-70T^3+70T^4-63T^5+52T^6-34T^7+11T^8+3T^9)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 13], \left\{ \frac{2(-1+T)(3-5T+3T^2)}{T^2}, \frac{(-1+T)^2(45-122T+143T^2-80T^3+7T^4+12T^5)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 14], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-\sqrt{T}+T)(1+\sqrt{T}+T)(1-T+T^2)}{T^{7/2}}, -\frac{(-1+T)^2(5-20T+34T^2-48T^3+54T^4-60T^5+58T^6-60T^7+54T^8-48T^9+34T^{10}-20T^{11}+5T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 15], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-T+2T^2)}{T^{5/2}}, -\frac{(-1+T)^2(14-68T+139T^2-200T^3+218T^4-200T^5+139T^6-68T^7+14T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 16], \left\{ -\frac{(-1+T)(1-6T+8T^2-6T^3+T^4)}{T^3}, -\frac{(-1+T)^2(-2+21T-76T^2+133T^3-145T^4+107T^5-48T^6+7T^7)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 17], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-T+2T^2)}{T^{5/2}}, -\frac{(-1+T)^2(14-68T+147T^2-220T^3+242T^4-220T^5+147T^6-68T^7+14T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 18], \left\{ \frac{3(-1+\sqrt{T})^3(1+\sqrt{T})^3}{T^{3/2}}, -\frac{(-1+T)^2(19-76T+102T^2-76T^3+19T^4)}{2T^3} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 19], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-7T+12T^2-7T^3+2T^4)}{T^{5/2}}, \frac{(-1+T)^2(6-36T+123T^2-244T^3+312T^4-244T^5+123T^6-36T^7+6T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 20], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(1-3T+3T^2-3T^3+T^4)}{T^{7/2}}, \frac{(-1+T)^2(-1+8T-28T^2+62T^3-105T^4+126T^5-101T^6+40T^7+17T^8-36T^9+24T^{10}-8T^{11}+T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 21], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T^{3/2})(1-\sqrt{T}+T^{3/2})(1-T+T^{3/2})(-1+T+T^{3/2})}{T^{7/2}}, \frac{(-1+T)^2(1-6T+19T^2-40T^3+53T^4-62T^5+63T^6-62T^7+53T^8-40T^9+19T^{10}-6T^{11}+T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 22], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-3T+5T^2-5T^3+5T^4-3T^5+T^6)}{T^{7/2}}, \frac{(-1+T)^2(3-18T+53T^2-96T^3+135T^4-154T^5+163T^6-154T^7+135T^8-96T^9+53T^{10}-18T^{11}+3T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 23], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-5T+9T^2-5T^3+2T^4)}{T^{5/2}}, \frac{(-1+T)^2(2-6T+9T^2+14T^3-45T^4+80T^5-67T^6+44T^7-16T^8+4T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 24], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-5T+5T^2-5T^3+2T^4)}{T^{5/2}}, \frac{(-1+T)^2(10-46T+75T^2-82T^3+61T^4-52T^5+35T^6-12T^7-8T^8+4T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 25], \left\{ -\frac{(-1+T)(4-9T+4T^2)}{T^2}, -\frac{(-1+T)^2(8-58T+160T^2-207T^3+147T^4-45T^5+4T^6)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 26], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-6T+7T^2-6T^3+2T^4)}{T^{5/2}}, -\frac{(-1+T)^2(14-80T+186T^2-284T^3+321T^4-284T^5+186T^6-80T^7+14T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 27], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T)^2(-1+\sqrt{T}+T)^2}{T^{5/2}}, -\frac{(-1+T)^2(1-3T+T^2)^2(1-6T+3T^2-6T^3+T^4)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 28], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-2T+4T^2-3T^3+4T^4-2T^5+T^6)}{T^{7/2}}, \frac{(-1+T)^2(3-12T+34T^2-54T^3+76T^4-76T^5+85T^6-76T^7+76T^8-54T^9+34T^{10}-12T^{11}+3T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 29], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-2T+2T^2-3T^3+2T^4-2T^5+T^6)}{T^{7/2}}, \frac{(-1+T)^2(5-20T+34T^2-54T^3+66T^4-76T^5+75T^6-76T^7+66T^8-54T^9+34T^{10}-20T^{11}+5T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 30], \left\{ -\frac{(-1+T)(2-4T+3T^2-4T^3+2T^4)}{T^3}, -\frac{(-1+T)^2(2-19T+61T^2-101T^3+129T^4-135T^5+122T^6-86T^7+51T^8-17T^9+2T^{10})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 31], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)^3}{T^{7/2}}, \frac{(-1+T)^2(1-3T+T^2)(1-T+T^2)^2(1+T+T^2)(1-2T+5T^2-2T^3+T^4)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 32], \left\{ \frac{(-1+T)(7-11T+7T^2)}{T^2}, \frac{(-1+T)^2(7+27T-78T^2+83T^3-31T^4-16T^5+21T^6)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 33], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-6T+13T^2-6T^3+T^4)}{T^{5/2}}, \frac{(-1+T)^2(1-12T+70T^2-208T^3+309T^4-208T^5+70T^6-12T^7+8T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 34], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-2+T)(-1+2T)(1+T^2)}{T^{5/2}}, \frac{(-1+T)^2(10-46T+69T^2-72T^3+60T^4-48T^5+43T^6-18T^7-8T^8+4T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 35], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-T+2T^2)}{T^{5/2}}, \frac{(-1+T)^2(-6+34T-83T^2+116T^3-146T^4+156T^5-137T^6+74T^7-24T^8+4T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 36], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-2T+T^2-2T^3+T^4-2T^5+T^6)}{T^{7/2}}, -\frac{(-1+T)^2(5-20T+26T^2-32T^3+37T^4-36T^5+38T^6-36T^7+37T^8-32T^9+26T^{10}-20T^{11}+5T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 37], \left\{ \frac{2(-1+\sqrt{T})(1+\sqrt{T})(1-3T+3T^2-3T^3+T^4)}{T^{5/2}}, -\frac{(-1+T)^2(7-40T+89T^2-128T^3+143T^4-128T^5+89T^6-40T^7+7T^8)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 38], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+T^2)^2}{T^{7/2}}, -\frac{(-1+T)^2(1+T^2)(1+T^4)(1-4T+9T^2-16T^3+9T^4-4T^5+T^6)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 39], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-2T+3T^2-2T^3+3T^4-2T^5+T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(3-12T+30T^2-40T^3+49T^4-44T^5+50T^6-44T^7+49T^8-40T^9+30T^{10}-12T^{11}+3T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 40], \right. \\ \left. \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2+T+2T^2)}{T^{5/2}}, \frac{(-1+T)^2(10-28T+29T^2-32T^3+22T^4-32T^5+29T^6-28T^7+10T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 41], \right. \\ \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T^2)(1-T+T^2)^2}{T^{7/2}}, \frac{(-1+T)^2(1-T+T^2)^2(3-6T+13T^2-6T^3+18T^4-6T^5+13T^6-6T^7+3T^8)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 42], \right. \\ \left. \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+3T^2-T^3+T^4)}{T^{7/2}}, -\frac{(-1+T)^2(1-6T+19T^2-44T^3+66T^4-86T^5+88T^6-86T^7+66T^8-44T^9+19T^{10}-6T^{11}+T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 43], \left\{ \frac{(-1+T)^2(4-5T+4T^2)}{T^2}, \frac{2(-1+T)^2(19-80T+160T^2-197T^3+160T^4-80T^5+19T^6)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 44], \right. \\ \left. \left\{ \frac{(-1+T)^2(1-3T+3T^2-3T^3+T^4)}{T^3}, -\frac{(-1+T)^2(1-8T+24T^2-40T^3+47T^4-46T^5+47T^6-40T^7+24T^8-8T^9+T^{10})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 45], \left\{ \frac{(-2+T)(-1+T)^2(-1+2T)}{T^2}, -\frac{(-1+T)^2(1-8T+19T^2-22T^3+19T^4-8T^5+T^6)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 46], \left\{ -\frac{(-1+T)^6}{T^3}, \frac{2(-1+T)^6(1-3T+T^2)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 47], \left\{ -\frac{(-1+T)^2(3-7T+3T^2)}{T^2}, \frac{(-1+T)^4(12-52T+67T^2-52T^3+12T^4)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 48], \right. \\ \left. \left\{ \frac{(-1+T)^2(1-3T+T^2-3T^3+T^4)}{T^3}, -\frac{(-1+T)^2(1-8T+22T^2-28T^3+26T^4-22T^5+26T^6-28T^7+22T^8-8T^9+T^{10})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 49], \left\{ \frac{(-1+T)^2(2-7T+2T^2)}{T^2}, -\frac{(-1+T)^2(1-8T+22T^2-26T^3+22T^4-8T^5+T^6)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 50], \right. \\ \left. \left\{ \frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(1-3T+3T^2-3T^3+T^4)}{T^{7/2}}, -\frac{(-1+T)^4(3-18T+37T^2-44T^3+49T^4-44T^5+37T^6-18T^7+3T^8)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 51], \right. \\ \left. \left\{ \frac{(-1+T)^2(1-3T+T^2)(1-T+T^2)}{T^3}, -\frac{(-1+T)^2(1-3T+T^2)(1-7T+20T^2-29T^3+34T^4-29T^5+20T^6-7T^7+T^8)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 52], \left\{ -\frac{3(-1+T)^4}{T^2}, \frac{(-1+T)^4(-3+18T-34T^2+23T^3-16T^4-3T^5+3T^6)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 53], \left\{ -\frac{(-1+T)^6}{T^3}, \frac{2(-1+T)^8}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 54], \left\{ \frac{(-1+\sqrt{T})^4(1+\sqrt{T})^4(1-T+T^2)}{T^{5/2}}, -\frac{(-1+T)^6(1-6T+6T^2-12T^3+12T^4-12T^5+3T^6)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{Alternating}, 55], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-4T+T^2)}{T^{5/2}}, \frac{(-1+T)^4(1-10T+37T^2-64T^3+37T^4-10T^5+T^6)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{NonAlternating}, 1], \right. \\ \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-T-T^3+2T^4)}{T^{3/2}}, -\frac{(-1+T)(-4+28T-60T^2+59T^3-59T^4+88T^5-100T^6+67T^7-63T^8+76T^9-44T^{10}+4T^{11})}{2T^4} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{NonAlternating}, 2], \left\{ -\frac{2(-1+\sqrt{T})^3(1+\sqrt{T})^3}{\sqrt{T}}, \frac{(-1+T)^2(6-18T+31T^2-52T^3+60T^4-38T^5+7T^6)}{T^3} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{NonAlternating}, 3], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3}{\sqrt{T}}, \frac{(-1+T)^2(6-22T+43T^2-60T^3+52T^4-26T^5+3T^6)}{2T^3} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{NonAlternating}, 4], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T^2)(1-T^2+T^4)}{T^{7/2}}, \frac{(-1+T)^2(7+4T^6+7T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{NonAlternating}, 5], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+T^2)}{T^{5/2}}, \frac{(-1+T)^2(3-16T+26T^2-36T^3+38T^4-36T^5+26T^6-16T^7+3T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{NonAlternating}, 6], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+T^2)}{T^{5/2}}, \frac{(-1+T)^2(1+T^2)(3-4T+3T^2)(1-6T+9T^2-6T^3+T^4)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{NonAlternating}, 7], \left\{ \frac{2(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2-T^3+T^4)}{T^{5/2}}, \frac{(-1+T)^2(11-20T+27T^2-32T^3+35T^4-32T^5+27T^6-20T^7+11T^8)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{NonAlternating}, 8], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+T^2)}{T^{5/2}}, \frac{(-1+T)^2(3-18T+41T^2-62T^3+68T^4-62T^5+41T^6-18T^7+3T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{NonAlternating}, 9], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T-2T^2+T^3+T^4)}{T^{5/2}}, \frac{(-1+T)^2(5+6T-3T^2-6T^3-8T^4+30T^5-19T^6-4T^7+11T^8+2T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{NonAlternating}, 10], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-3T+6T^2-3T^3+T^4)}{T^{5/2}}, \frac{(-1+T)^2(1-2T-7T^2+54T^3-116T^4+150T^5-103T^6+48T^7-13T^8+2T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{NonAlternating}, 11], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)(1+T^2)}{T^{5/2}}, \frac{(-1+T)^2(5-28T+53T^2-64T^3+68T^4-58T^5+49T^6-22T^7+3T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{NonAlternating}, 12], \left\{ \frac{(-1+T)(1+T-2T^2+T^3+T^4)}{T^3}, \frac{(-1+T)^2(-3-T+5T^2-T^3-2T^4-T^5+8T^6-4T^7-3T^8+T^9)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{NonAlternating}, 13], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)^2}{T^{5/2}}, \frac{(-1+T)^2(1-T+T^2)^2(1-6T+17T^2-8T^3+3T^4)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{NonAlternating}, 14], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2-T^3+T^4)}{T^{5/2}}, \frac{(-1+T)^2(-1+2T-9T^2+22T^3-21T^4+20T^5-9T^6+2T^7+T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{NonAlternating}, 15], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T^{3/2}+T^3)(1+T^{3/2}+T^3)}{T^{7/2}}, -\frac{(-1+T)^2(-7-10T^3+2T^4-2T^5-9T^6+4T^7-2T^8-10T^9+4T^{10}-2T^{11}-7T^{12}+2T^{13})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{NonAlternating}, 16], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+3T^2-T^3+T^4)}{T^{5/2}}, \frac{(-1+T)^2(-1+2T+5T^2-10T^3+25T^4-20T^5+15T^6-4T^7+T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{NonAlternating}, 17], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-3T+3T^2-3T^3+T^4)}{T^{5/2}}, \frac{(-1+T)^2(3-22T+49T^2-76T^3+85T^4-76T^5+49T^6-22T^7+3T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{NonAlternating}, 18], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T)^2(1-T+T^2)^2}{T^{7/2}}, \frac{(-1+T)^2(1+T)^2(1-T+T^2)^2(7+6T^3+7T^6)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{NonAlternating}, 19], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T)^2(1-T+T^2)}{T^{5/2}}, \frac{(-1+T)^2(1+T)^2(5-2T^2+10T^3-2T^4+5T^6)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{NonAlternating}, 20], \left\{ -\frac{(-1+T)^2(2-3T+2T^2)}{T^2}, -\frac{(-1+T)^2(5-28T+61T^2-78T^3+61T^4-28T^5+5T^6)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{NonAlternating}, 21], \left\{ -\frac{(-1+T)^2}{T}, \frac{2(-1+T)^2(1-T+T^2)}{T^2} \right\} \right\}$$

$$\left\{ \text{Link}[9, \text{NonAlternating}, 22], \left\{ \frac{(-1+T)^2(2-T+2T^2)}{T^2}, \frac{(-1+T)^2(1-4T+17T^2-26T^3+17T^4-4T^5+T^6)}{T^4} \right\} \right\}$$

$$\begin{aligned}
& \left\{ \text{Link}[9, \text{NonAlternating}, 23], \left\{ -\frac{(-1+T)^2(1-T-T^2+T^4)}{T^3}, \frac{(-1+T)^4(2-4T-3T^2-2T^3+T^4-2T^5-3T^6-4T^7+2T^8)}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[9, \text{NonAlternating}, 24], \left\{ \frac{(-1+T)^2(1-3T+T^2)}{T^2}, -\frac{2(-1+T)^4(1-3T+T^2)}{T^3} \right\} \right\} \\
& \left\{ \text{Link}[9, \text{NonAlternating}, 25], \left\{ \frac{(-1+T)^4}{T^2}, -\frac{2(-1+T)^6}{T^3} \right\} \right\} \\
& \left\{ \text{Link}[9, \text{NonAlternating}, 26], \left\{ \frac{(-1+T)^4}{T^2}, \frac{(-1+T)^4(-1+2T-3T^2+11T^3-6T^4+T^5)}{T^4} \right\} \right\} \\
& \left\{ \text{Link}[9, \text{NonAlternating}, 27], \{ \emptyset, \emptyset \} \right\} \\
& \left\{ \text{Link}[9, \text{NonAlternating}, 28], \left\{ \frac{(-1+T)^4(1+T^2)}{T^3}, -\frac{(-1+T)^4(1-4T+7T^2-4T^3+8T^4-4T^5+7T^6-4T^7+T^8)}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 1], \right. \\
& \quad \left. \left\{ -\frac{(-1+T)^3(1-3T+5T^2-3T^3+T^4)}{T^2}, \frac{(-1+T)^2(1-3T+5T^2-3T^3+T^4)(3-12T+27T^2-40T^3+41T^4-33T^5+17T^6-6T^7+T^8)}{T^4} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 2], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-3T+3T^2-3T^3+T^4)}{T^{7/2}}, \right. \right. \\
& \quad \left. \left. \frac{(-1+T)^2(3-30T+131T^2-336T^3+590T^4-790T^5+860T^6-790T^7+590T^8-336T^9+131T^{10}-30T^{11}+3T^{12})}{2T^7} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 3], \right. \\
& \quad \left. \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(-2+T)(-1+2T)}{T^{5/2}}, \frac{(-1+T)^2(6-56T+217T^2-452T^3+566T^4-452T^5+217T^6-56T^7+6T^8)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 4], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-3T+3T^2-3T^3+T^4)}{T^{5/2}}, \right. \right. \\
& \quad \left. \left. -\frac{(-1+T)^2(1-12T+57T^2-142T^3+218T^4-256T^5+276T^6-278T^7+248T^8-156T^9+59T^{10}-12T^{11}+T^{12})}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 5], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-3T+3T^2-3T^3+T^4)}{T^{7/2}}, \right. \right. \\
& \quad \left. \left. -\frac{(-1+T)^2(1-10T+41T^2-92T^3+122T^4-106T^5+92T^6-106T^7+122T^8-92T^9+41T^{10}-10T^{11}+T^{12})}{2T^7} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 6], \right. \\
& \quad \left. \left\{ -\frac{(-1+T)^3(1-3T+5T^2-3T^3+T^4)}{T^2}, \frac{(-1+T)^2(1-3T+5T^2-3T^3+T^4)(2-8T+20T^2-31T^3+33T^4-30T^5+17T^6-6T^7+T^8)}{T^4} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 7], \right. \\
& \quad \left. \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(-2+T)(-1+2T)}{T^{5/2}}, \frac{(-1+T)^2(2-16T+49T^2-72T^3+70T^4-72T^5+49T^6-16T^7+2T^8)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 8], \right. \\
& \quad \left. \left\{ \frac{(-1+T)^3(1-2T+4T^2-2T^3+T^4)}{T^3}, -\frac{(-1+T)^2(-1+5T-15T^2+32T^3-62T^4+99T^5-125T^6+111T^7-71T^8+30T^9-8T^{10}+T^{11})}{T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 9], \left\{ -\frac{(-1+T)^5(1+T^2)}{T^3}, -\frac{(-1+T)^4(1-7T+18T^2-30T^3+40T^4-44T^5+49T^6-41T^7+28T^8-12T^9+2T^{10})}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 10], \left\{ -\frac{2(-1+\sqrt{T})^5(1+\sqrt{T})^5}{T^{5/2}}, \frac{(-2+T)(-1+T)^4(-1+8T-29T^2+52T^3-57T^4+46T^5-17T^6+2T^7)}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 11], \right. \\
& \quad \left. \left\{ -\frac{(-1+T)(1-T+T^2)(3-8T+3T^2)}{T^3}, \frac{(-1+T)(-3+5T+58T^2-264T^3+533T^4-676T^5+591T^6-356T^7+122T^8-T^9-14T^{10}+3T^{11})}{T^7} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 12], \right. \\
& \quad \left. \left\{ \frac{(-1+T)(1-9T+18T^2-9T^3+T^4)}{T^4}, \frac{(-1+T)(-1+15T-78T^2+171T^3-136T^4-55T^5+171T^6-139T^7+60T^8-13T^9+T^{10})}{T^8} \right\} \right\}
\end{aligned}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 13], \left\{ \frac{(-1+T)(3-9T+14T^2-9T^3+3T^4)}{T^3}, \frac{(-1+T)(-3+12T-19T^2-4T^3+51T^4-54T^5-33T^6+124T^7-128T^8+70T^9-21T^{10}+3T^{11})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 14], \left\{ -\frac{(-1+T)^5(1-T+T^2)}{T^3}, -\frac{(-1+T)^4(-1+7T-25T^2+54T^3-80T^4+90T^5-74T^6+44T^7-15T^8+2T^9)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 15], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(3-9T+10T^2-9T^3+3T^4)}{T^{5/2}}, \frac{(-1+T)(6-63T+259T^2-581T^3+851T^4-910T^5+792T^6-569T^7+285T^8-57T^9-15T^{10}+6T^{11})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 16], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(5-12T+5T^2)}{T^{3/2}}, -\frac{(-1+T)(-50+377T-1137T^2+1766T^3-1524T^4+705T^5-151T^6+10T^7)}{2T^4} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 17], \left\{ \frac{(-1+T)^3(3-4T+3T^2)}{T^2}, -\frac{(-1+T)^2(3-13T+9T^2+48T^3-169T^4+286T^5-306T^6+205T^7-79T^8+12T^9)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 18], \left\{ \frac{(-1+\sqrt{T})^5(1+\sqrt{T})^5(1+T^2)}{T^{7/2}}, \frac{(-1+T)^4(3-16T+37T^2-48T^3+50T^4-40T^5+36T^6-30T^7+21T^8-6T^9+T^{10})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 19], \left\{ \frac{2(-1+\sqrt{T})^5(1+\sqrt{T})^5}{T^{3/2}}, -\frac{(-1+T)^4(8-35T+86T^2-141T^3+154T^4-117T^5+56T^6-17T^7+2T^8)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 20], \left\{ \frac{(-1+\sqrt{T})^5(1+\sqrt{T})^5(1-T+T^2)}{T^{7/2}}, -\frac{(-1+T)^4(1-6T+14T^2-16T^3+11T^4-22T^5+43T^6-52T^7+32T^8-10T^9+T^{10})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 21], \left\{ \frac{(-1+\sqrt{T})^5(1+\sqrt{T})^5(1-T+T^2)}{T^{7/2}}, -\frac{(-1+T)^4(1-8T+32T^2-74T^3+111T^4-128T^5+111T^6-74T^7+32T^8-8T^9+T^{10})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 22], \left\{ -\frac{(-1+\sqrt{T})^5(1+\sqrt{T})^5(1-T+T^2)}{T^{7/2}}, -\frac{(-1+T)^4(3-24T+84T^2-174T^3+257T^4-288T^5+257T^6-174T^7+84T^8-24T^9+3T^{10})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 23], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)(1+T^2)}{T^{7/2}}, \frac{(-1+T)^2(1-3T+T^2)(3-21T+61T^2-98T^3+124T^4-130T^5+124T^6-98T^7+61T^8-21T^9+3T^{10})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 24], \left\{ \frac{2(-1+\sqrt{T})^3(1+\sqrt{T})^3(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)}{T^{5/2}}, \frac{(-1+T)^2(1-3T+T^2)(3-21T+61T^2-82T^3+61T^4-21T^5+3T^6)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 25], \left\{ -\frac{(-1+T)(3-10T+12T^2-10T^3+3T^4)}{T^3}, \frac{(-1+T)^2(9-54T+119T^2-144T^3+124T^4-93T^5+53T^6-6T^7-10T^8+3T^9)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 26], \left\{ \frac{(-1+T)(3-10T+16T^2-10T^3+3T^4)}{T^3}, \frac{(-1+T)^2(6-27T+70T^2-126T^3+155T^4-125T^5+64T^6-19T^7+3T^8)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 27], \left\{ -\frac{(-1+T)^3(1-2T+T^2-2T^3+T^4)}{T^3}, -\frac{(-1+T)^2(1-9T+32T^2-65T^3+93T^4-109T^5+120T^6-130T^7+120T^8-92T^9+51T^{10}-16T^{11}+2T^{12})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 28], \left\{ -\frac{(-1+T)^3(1-T+T^2)^2}{T^3}, \frac{(-1+T)^2(1-T+T^2)(1-6T+19T^2-34T^3+35T^4-26T^5+17T^6-11T^7+3T^8)}{T^6} \right\} \right\}$$

$$\begin{aligned}
 & \left\{ \text{Link}[10, \text{Alternating}, 29], \right. \\
 & \left. \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-T+T^2)^2}{T^{7/2}}, -\frac{(-1+T)^2 (1-T+T^2) (2-11T+27T^2-40T^3+47T^4-55T^5+42T^6-5T^7-25T^8+20T^9-7T^{10}+T^{11})}{2T^8} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 30], \left\{ -\frac{2(-1+\sqrt{T})(1+\sqrt{T})(1-5T+7T^2-5T^3+T^4)}{T^{7/2}}, \right. \right. \\
 & \left. \left. \frac{(-1+T)(-2+25T-141T^2+465T^3-975T^4+1391T^5-1411T^6+1011T^7-487T^8+145T^9-25T^{10}+2T^{11})}{T^8} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 31], \left\{ -\frac{(-1+T)^3 (2-3T+2T^2)}{T^2}, -\frac{(-1+T)^2 (-1+4T-13T^2+23T^3-4T^4-34T^5+44T^6-20T^7+3T^8)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 32], \right. \\
 & \left. \left\{ -\frac{(-2+T)(-1+T)^3 (-1+2T)}{T^2}, -\frac{(-1+T)^2 (2-20T+80T^2-173T^3+219T^4-148T^5+26T^6+21T^7-10T^8+T^9)}{T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 33], \right. \\
 & \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(3-8T+8T^2-8T^3+3T^4)}{T^{5/2}}, \frac{(-1+T)(6-25T+23T^2+22T^3-62T^4+124T^5-256T^6+380T^7-340T^8+175T^9-49T^{10}+6T^{11})}{2T^6} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 34], \right. \\
 & \left. \left\{ -\frac{(-2+T)(-1+T)^3 (-1+2T)}{T^2}, -\frac{(-1+T)^2 (2-18T+67T^2-135T^3+153T^4-75T^5-28T^6+50T^7-21T^8+3T^9)}{T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 35], \right. \\
 & \left. \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-2T+T^2-2T^3+T^4)}{T^{7/2}}, \frac{(-1+T)^2 (3-22T+68T^2-118T^3+138T^4-130T^5+106T^6-96T^7+96T^8-76T^9+34T^{10}-8T^{11}+T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 36], \right. \\
 & \left. \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (-2+T)(-1+2T)}{T^{5/2}}, -\frac{(-1+T)^2 (-6+44T-129T^2+182T^3-106T^4-12T^5+49T^6-20T^7+2T^8)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 37], \right. \\
 & \left. \left\{ \frac{(-1+T)(1-8T+16T^2-8T^3+T^4)}{T^2}, -\frac{(-1+T)(-1+14T-79T^2+243T^3-461T^4+576T^5-476T^6+231T^7-56T^8+5T^9)}{T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 38], \right. \\
 & \left. \left\{ \frac{2(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(2-3T+2T^2)}{T^{7/2}}, \frac{(-1+T)(-8+6T+78T^2-315T^3+649T^4-893T^5+883T^6-633T^7+311T^8-88T^9+4T^{10}+4T^{11})}{T^8} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 39], \right. \\
 & \left. \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-T+T^2)^2}{T^{7/2}}, -\frac{(-1+T)^2 (1-T+T^2) (1-9T+34T^2-77T^3+115T^4-142T^5+149T^6-121T^7+64T^8-21T^9+3T^{10})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 40], \left\{ -\frac{2(-1+\sqrt{T})(1+\sqrt{T})(3-7T+3T^2)}{T^{3/2}}, \frac{(-1+T)(3-7T+3T^2)(4-11T+2T^2+10T^3-11T^4+4T^5)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 41], \right. \\
 & \left. \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (2-3T+2T^2)}{T^{5/2}}, \frac{(-1+T)^2 (-4+36T-134T^2+281T^3-366T^4+328T^5-216T^6+107T^7-34T^8+6T^9)}{2T^6} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 42], \right. \\
 & \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+T^2)(2-3T+2T^2)}{T^{5/2}}, \frac{(-1+T)^2 (14-148T+573T^2-1132T^3+1404T^4-1132T^5+573T^6-148T^7+14T^8)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 43], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+12T^2-16T^3+12T^4-4T^5+T^6)}{T^{7/2}}, \right. \right. \\
 & \left. \left. -\frac{(-1+T)^2 (1-8T+44T^2-144T^3+332T^4-536T^5+620T^6-536T^7+332T^8-144T^9+44T^{10}-8T^{11}+T^{12})}{2T^7} \right\} \right\}
 \end{aligned}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 44], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+4T^2-4T^3+4T^4-4T^5+T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. -\frac{(-1+T)^2(3-24T+68T^2-96T^3+108T^4-104T^5+96T^6-104T^7+108T^8-96T^9+68T^{10}-24T^{11}+3T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[10, \text{Alternating}, 45], \right. \\
 \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-9T+12T^2-9T^3+2T^4)}{T^{5/2}}, -\frac{(-1+T)^2(6-52T+161T^2-244T^3+264T^4-244T^5+161T^6-52T^7+6T^8)}{2T^5} \right\} \right\} \\
 \left\{ \text{Link}[10, \text{Alternating}, 46], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)(1+T^2)(1-T+T^2)}{T^{7/2}}, \right. \right. \\
 \left. \left. -\frac{(-1+T)^2(3-24T+76T^2-144T^3+210T^4-248T^5+260T^6-248T^7+210T^8-144T^9+76T^{10}-24T^{11}+3T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[10, \text{Alternating}, 47], \right. \\
 \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-7T+8T^2-7T^3+2T^4)}{T^{5/2}}, -\frac{(-1+T)^2(2-4T+T^2-4T^3+2T^4)(3-16T+24T^2-16T^3+3T^4)}{2T^5} \right\} \right\} \\
 \left\{ \text{Link}[10, \text{Alternating}, 48], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(3-8T+3T^2)}{T^{3/2}}, -\frac{(-1+T)^2(1-16T+36T^2-16T^3+T^4)}{2T^3} \right\} \right\} \\
 \left\{ \text{Link}[10, \text{Alternating}, 49], \right. \\
 \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(5-10T+12T^2-10T^3+5T^4)}{T^{5/2}}, \frac{(-1+T)^2(149-556T+1146T^2-1668T^3+1880T^4-1668T^5+1146T^6-556T^7+149T^8)}{2T^5} \right\} \right\} \\
 \left\{ \text{Link}[10, \text{Alternating}, 50], \left\{ \frac{2(-1+\sqrt{T})(1+\sqrt{T})(4-7T+4T^2)}{T^{3/2}}, \frac{(-1+T)^2(146-476T+671T^2-476T^3+146T^4)}{T^3} \right\} \right\} \\
 \left\{ \text{Link}[10, \text{Alternating}, 51], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-1+2T-3T^2+T^3)(-1+3T-2T^2+T^3)}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(1-10T+49T^2-148T^3+299T^4-442T^5+503T^6-442T^7+299T^8-148T^9+49T^{10}-10T^{11}+T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[10, \text{Alternating}, 52], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-5T+11T^2-13T^3+11T^4-5T^5+T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. -\frac{(-1+T)^2(1-10T+41T^2-92T^3+119T^4-98T^5+77T^6-98T^7+119T^8-92T^9+41T^{10}-10T^{11}+T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[10, \text{Alternating}, 53], \left\{ -\frac{(-1+T)(-1+2T-3T^2+T^3)(-1+3T-2T^2+T^3)}{T^3}, \right. \right. \\
 \left. \left. \frac{(-1+T)(-1+11T-56T^2+184T^3-449T^4+857T^5-1288T^6+1498T^7-1308T^8+836T^9-379T^{10}+116T^{11}-22T^{12}+2T^{13})}{T^7} \right\} \right\} \\
 \left\{ \text{Link}[10, \text{Alternating}, 54], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-5T+9T^2-9T^3+9T^4-5T^5+T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(3-30T+127T^2-296T^3+451T^4-550T^5+583T^6-550T^7+451T^8-296T^9+127T^{10}-30T^{11}+3T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[10, \text{Alternating}, 55], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-5T+9T^2-11T^3+9T^4-5T^5+T^6)}{T^{5/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)(1-7T+25T^2-87T^3+261T^4-531T^5+719T^6-657T^7+383T^8-99T^9-25T^{10}+29T^{11}-9T^{12}+T^{13})}{2T^5} \right\} \right\} \\
 \left\{ \text{Link}[10, \text{Alternating}, 56], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)(1+\sqrt{T}-T-T^{3/2}+T^2)(1-\sqrt{T}-T+T^{3/2}+T^2)}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(1-12T+66T^2-226T^3+515T^4-818T^5+949T^6-818T^7+515T^8-226T^9+66T^{10}-12T^{11}+T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[10, \text{Alternating}, 57], \right. \\
 \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-9T+15T^2-9T^3+2T^4)}{T^{5/2}}, \frac{(-1+T)^2(2-14T+9T^2+98T^3-259T^4+304T^5-219T^6+108T^7-32T^8+4T^9)}{2T^5} \right\} \right\} \\
 \left\{ \text{Link}[10, \text{Alternating}, 58], \right. \\
 \left. \left\{ -\frac{(-1+T)(1-T+T^2)(2-7T+2T^2)}{T^4}, -\frac{(-1+T)(5-49T+171T^2-295T^3+316T^4-213T^5+57T^6+73T^7-109T^8+67T^9-19T^{10}+2T^{11})}{T^8} \right\} \right\}$$

$$\begin{aligned}
 & \left\{ \text{Link}[10, \text{Alternating}, 59], \right. \\
 & \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)(2-3T+2T^2)}{T^{5/2}}, \frac{(-1+T)^2(1-3T+T^2)(-6+40T-95T^2+137T^3-141T^4+88T^5-28T^6+4T^7)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 60], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(-1+2T-T^{3/2}-2T^2+T^3)(-1+2T+T^{3/2}-2T^2+T^3)}{T^{7/2}}, \right. \right. \\
 & \left. \left. -\frac{(-1+T)^2(1-8T+28T^2-58T^3+68T^4-56T^5+43T^6-56T^7+68T^8-58T^9+28T^{10}-8T^{11}+T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 61], \right. \\
 & \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(3-11T+15T^2-11T^3+3T^4)}{T^{5/2}}, -\frac{(-1+T)^2(33-230T+673T^2-1180T^3+1401T^4-1180T^5+673T^6-230T^7+33T^8)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 62], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+6T^2-7T^3+6T^4-4T^5+T^6)}{T^{7/2}}, \right. \right. \\
 & \left. \left. -\frac{(-1+T)^2(3-24T+76T^2-138T^3+186T^4-208T^5+209T^6-208T^7+186T^8-138T^9+76T^{10}-24T^{11}+3T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 63], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+8T^2-9T^3+8T^4-4T^5+T^6)}{T^{7/2}}, \right. \right. \\
 & \left. \left. \frac{(-1+T)^2(3-24T+96T^2-226T^3+372T^4-476T^5+511T^6-476T^7+372T^8-226T^9+96T^{10}-24T^{11}+3T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 64], \right. \\
 & \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-8T+11T^2-8T^3+2T^4)}{T^{5/2}}, -\frac{(-1+T)^2(6-48T+140T^2-208T^3+219T^4-208T^5+140T^6-48T^7+6T^8)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 65], \right. \\
 & \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-8T+13T^2-8T^3+2T^4)}{T^{5/2}}, \frac{(-1+T)^2(6-48T+188T^2-400T^3+509T^4-400T^5+188T^6-48T^7+6T^8)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 66], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+6T^2-5T^3+6T^4-4T^5+T^6)}{T^{7/2}}, \right. \right. \\
 & \left. \left. \frac{(-1+T)^2(3-24T+76T^2-134T^3+166T^4-168T^5+163T^6-168T^7+166T^8-134T^9+76T^{10}-24T^{11}+3T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 67], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+4T^2-5T^3+4T^4-4T^5+T^6)}{T^{7/2}}, \right. \right. \\
 & \left. \left. \frac{(-1+T)^2(5-40T+112T^2-174T^3+240T^4-264T^5+285T^6-264T^7+240T^8-174T^9+112T^{10}-40T^{11}+5T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 68], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+6T^2-7T^3+6T^4-4T^5+T^6)}{T^{7/2}}, \right. \right. \\
 & \left. \left. \frac{(-1+T)^2(1-8T+28T^2-54T^3+54T^4-32T^5+23T^6-32T^7+54T^8-54T^9+28T^{10}-8T^{11}+T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 69], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)(1-T+T^2)^2}{T^{7/2}}, \right. \right. \\
 & \left. \left. -\frac{(-1+T)^2(1-3T+T^2)(1-T+T^2)(1-6T+16T^2-28T^3+25T^4-28T^5+16T^6-6T^7+T^8)}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 70], \right. \\
 & \left. \left\{ -\frac{(-1+T)(1-5T+13T^2-17T^3+13T^4-5T^5+T^6)}{T^3}, -\frac{(-1+T)^2(-1+11T-51T^2+138T^3-238T^4+275T^5-202T^6+97T^7-28T^8+4T^9)}{T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 71], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(1-5T+7T^2-5T^3+T^4)}{T^{7/2}}, \right. \right. \\
 & \left. \left. -\frac{(-1+T)^2(1-12T+62T^2-190T^3+389T^4-570T^5+649T^6-570T^7+389T^8-190T^9+62T^{10}-12T^{11}+T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 72], \right. \\
 & \left. \left\{ \frac{(-1+T)(4-7T+9T^2-7T^3+4T^4)}{T^3}, -\frac{(-1+T)^2(8-70T+198T^2-373T^3+519T^4-574T^5+508T^6-357T^7+182T^8-59T^9+4T^{10})}{T^7} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 73], \left\{ \frac{3(-1+T)(2-3T+2T^2)}{T^2}, -\frac{(-1+T)^2(48-275T+623T^2-803T^3+623T^4-275T^5+48T^6)}{T^5} \right\} \right\}
 \end{aligned}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 74], \left\{ \frac{(-1+T)(2-T+2T^2)(1-T+T^2-T^3+T^4)}{T^4}, \right. \right. \\ \left. \left. - \frac{(-1+T)^2(2-22T+62T^2-134T^3+218T^4-304T^5+359T^6-377T^7+346T^8-283T^9+197T^{10}-119T^{11}+55T^{12}-20T^{13}+2T^{14})}{T^9} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 75], \left\{ \frac{(-1+T)(3-4T+5T^2-4T^3+3T^4)}{T^3}, - \frac{(-1+T)^2(12-78T+194T^2-337T^3+444T^4-481T^5+424T^6-306T^7+170T^8-69T^9+12T^{10})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 76], \left\{ - \frac{(-1+T)(1-T+T^2)(1-4T+7T^2-4T^3+T^4)}{T^2}, \right. \right. \\ \left. \left. \frac{(-1+T)(-1+9T-41T^2+119T^3-251T^4+414T^5-563T^6+646T^7-660T^8+620T^9-516T^{10}+340T^{11}-161T^{12}+51T^{13}-10T^{14}+T^{15})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 77], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(5-9T+11T^2-9T^3+5T^4)}{T^{5/2}}, \frac{(-1+T)^2(149-498T+985T^2-1384T^3+1547T^4-1384T^5+985T^6-498T^7+149T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 78], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+8T^2-7T^3+8T^4-4T^5+T^6)}{T^{5/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)(-1+9T-32T^2+60T^3-56T^4-14T^5+75T^6-9T^7-118T^8+208T^9-178T^{10}+90T^{11}-25T^{12}+3T^{13})}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 79], \left\{ \frac{(-1+T)(3-11T+17T^2-11T^3+3T^4)}{T^3}, \frac{(-1+T)^3(3-25T+75T^2-141T^3+172T^4-136T^5+70T^6-20T^7+3T^8)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 80], \left\{ - \frac{(-1+\sqrt{T})(1+\sqrt{T})(3-9T+11T^2-9T^3+3T^4)}{T^{5/2}}, \frac{(-1+T)(6-21T-19T^2+201T^3-473T^4+733T^5-903T^6+869T^7-583T^8+243T^9-57T^{10}+6T^{11})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 81], \left\{ - \frac{(-1+T)(3-11T+13T^2-11T^3+3T^4)}{T^3}, \frac{(-1+T)^2(-3+38T-179T^2+420T^3-600T^4+602T^5-437T^6+219T^7-52T^8-5T^9+3T^{10})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 82], \left\{ - \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-10T+15T^2-10T^3+2T^4)}{T^{5/2}}, - \frac{(-1+T)^2(6-56T+202T^2-372T^3+431T^4-372T^5+202T^6-56T^7+6T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 83], \left\{ - \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-10T+13T^2-10T^3+2T^4)}{T^{5/2}}, \frac{(-1+T)^2(22-192T+626T^2-1088T^3+1233T^4-920T^5+442T^6-96T^7+6T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 84], \left\{ - \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+10T^2-13T^3+10T^4-4T^5+T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(1-8T+28T^2-62T^3+82T^4-72T^5+53T^6-72T^7+82T^8-62T^9+28T^{10}-8T^{11}+T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 85], \left\{ - \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-5T+10T^2-15T^3+10T^4-5T^5+T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(1-10T+45T^2-130T^3+262T^4-386T^5+447T^6-386T^7+262T^8-130T^9+45T^{10}-10T^{11}+T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 86], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-5T+12T^2-17T^3+12T^4-5T^5+T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. - \frac{(-1+T)(1-5T-3T^2+81T^3-292T^4+608T^5-885T^6+973T^7-814T^8+506T^9-221T^{10}+63T^{11}-11T^{12}+T^{13})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 87], \left\{ \frac{(-1+T)(2-3T+2T^2)(2-T+2T^2)}{T^3}, - \frac{(-1+T)^2(16-128T+412T^2-866T^3+1308T^4-1510T^5+1342T^6-912T^7+447T^8-144T^9+20T^{10})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 88], \left\{ \frac{(-1+T)(2-9T+16T^2-9T^3+2T^4)}{T^2}, -\frac{(-1+T)(4-31T+96T^2-109T^3-117T^4+544T^5-801T^6+660T^7-339T^8+111T^9-22T^{10}+2T^{11})}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 89], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-2T-2T^3+T^4)}{T^{7/2}}, -\frac{(-1+T)^2(1+T^2)(3-24T+69T^2-88T^3+54T^4-32T^5+54T^6-88T^7+69T^8-24T^9+3T^{10})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 90], \left\{ \frac{(-1+\sqrt{T})^5(1+\sqrt{T})^5(1+T^2)}{T^{7/2}}, -\frac{(-1+T)^4(1-2T-4T^2-2T^3+T^4)(1-4T+11T^2-12T^3+11T^4-4T^5+T^6)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 91], \left\{ -\frac{2(-1+T)^3(1-3T+T^2)}{T^2}, -\frac{(-1+T)^2(1-3T+T^2)(-3+11T-11T^2-10T^3+37T^4-25T^5+5T^6)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 92], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+7T^2-10T^3+7T^4-4T^5+T^6)}{T^{7/2}}, \frac{(-1+T)^2(1-8T+32T^2-84T^3+151T^4-204T^5+230T^6-204T^7+151T^8-84T^9+32T^{10}-8T^{11}+T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 93], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+7T^2-6T^3+7T^4-4T^5+T^6)}{T^{7/2}}, \frac{(-1+T)^2(3-24T+92T^2-196T^3+277T^4-316T^5+334T^6-316T^7+277T^8-196T^9+92T^{10}-24T^{11}+3T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 94], \left\{ \frac{2(-1+T)(1+T^2)(2-3T+2T^2)}{T^3}, -\frac{(-1+T)^2(8-72T+190T^2-355T^3+484T^4-536T^5+474T^6-341T^7+176T^8-62T^9+4T^{10})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 95], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(-2+T)(-1+2T)}{T^{5/2}}, \frac{(-1+T)^2(2-14T+11T^2+92T^3-242T^4+264T^5-191T^6+102T^7-32T^8+4T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 96], \left\{ \frac{(-1+T)(4-7T+10T^2-7T^3+4T^4)}{T^3}, -\frac{(-1+T)^2(8-82T+249T^2-502T^3+713T^4-787T^5+670T^6-444T^7+206T^8-63T^9+4T^{10})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 97], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+3T^2-4T^3+3T^4-4T^5+T^6)}{T^{7/2}}, \frac{(-1+T)^2(5-40T+104T^2-136T^3+179T^4-184T^5+204T^6-184T^7+179T^8-136T^9+104T^{10}-40T^{11}+5T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 98], \left\{ \frac{(-1+T)(2-2T+3T^2-2T^3+3T^4-2T^5+2T^6)}{T^4}, -\frac{(-1+T)^2(2-21T+43T^2-78T^3+100T^4-129T^5+139T^6-149T^7+136T^8-123T^9+93T^{10}-71T^{11}+39T^{12}-19T^{13}+2T^{14})}{T^9} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 99], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-7T+8T^2-7T^3+2T^4)}{T^{5/2}}, -\frac{(-1+T)^2(2-12T+11T^2+44T^3-92T^4+44T^5+11T^6-12T^7+2T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 100], \left\{ \frac{(-1+T)(4-5T+6T^2-5T^3+4T^4)}{T^3}, -\frac{(-1+T)^2(8-66T+144T^2-229T^3+282T^4-305T^5+271T^6-213T^7+129T^8-57T^9+4T^{10})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 101], \left\{ \frac{4(-1+T)(2-3T+2T^2)}{T^2}, -\frac{2(-1+T)^2(16-120T+280T^2-357T^3+260T^4-100T^5+8T^6)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 102], \left\{ \frac{2(-1+T)(1+T^2)(1-T+T^2-T^3+T^4)}{T^4}, -\frac{(-1+T)^2(2-21T+44T^2-93T^3+142T^4-198T^5+228T^6-246T^7+224T^8-190T^9+134T^{10}-87T^{11}+40T^{12}-19T^{13}+2T^{14})}{T^9} \right\} \right\}$$

$$\begin{aligned}
& \left\{ \text{Link}[10, \text{Alternating}, 103], \right. \\
& \left. \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-T+T^2)^2}{T^{7/2}}, -\frac{(-1+T)^2 (1-T+T^2) (1-7T+20T^2-33T^3+19T^4-4T^5+19T^6-33T^7+20T^8-7T^9+T^{10})}{2T^7} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 104], \right. \\
& \left. \left\{ \frac{(-1+\sqrt{T}) (1+\sqrt{T}) (1-5T+10T^2-14T^3+10T^4-5T^5+T^6)}{T^{7/2}}, \right. \right. \\
& \left. \left. -\frac{(-1+T)^2 (1-10T+45T^2-128T^3+250T^4-354T^5+402T^6-354T^7+250T^8-128T^9+45T^{10}-10T^{11}+T^{12})}{2T^7} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 105], \right. \\
& \left. \left\{ -\frac{(-1+\sqrt{T}) (1+\sqrt{T}) (1-T+T^2) (1-3T-3T^3+T^4)}{T^{5/2}}, \right. \right. \\
& \left. \left. \frac{(-1+T) (-3+27T-88T^2+160T^3-234T^4+284T^5-314T^6+344T^7-344T^8+312T^9-222T^{10}+132T^{11}-43T^{12}+5T^{13})}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 106], \right. \\
& \left. \left\{ \frac{(-1+\sqrt{T}) (1+\sqrt{T}) (1+T^2) (1-5T+9T^2-5T^3+T^4)}{T^{5/2}}, \right. \right. \\
& \left. \left. \frac{(-1+T) (-2+17T-61T^2+117T^3-139T^4+124T^5-72T^6-68T^7+296T^8-474T^9+498T^{10}-339T^{11}+139T^{12}-31T^{13}+3T^{14})}{2T^6} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 107], \right. \\
& \left. \left\{ -\frac{(-1+\sqrt{T}) (1+\sqrt{T}) (3-12T+14T^2-12T^3+3T^4)}{T^{5/2}}, \frac{(-1+T)^2 (33-252T+732T^2-1200T^3+1418T^4-1200T^5+732T^6-252T^7+33T^8)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 108], \right. \\
& \left. \left\{ \frac{2(-1+T) (1-T+T^2) (2-3T+2T^2)}{T^3}, \frac{(-1+T) (-34+192T-535T^2+969T^3-1253T^4+1203T^5-853T^6+425T^7-128T^8+12T^9+4T^{10})}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 109], \right. \\
& \left. \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-T+T^2)^2}{T^{7/2}}, -\frac{(-1+T)^2 (1-T+T^2) (1-3T+6T^2-3T^3+T^4) (1-4T+2T^2+2T^4-4T^5+T^6)}{2T^7} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 110], \right. \\
& \left. \left\{ -\frac{(-1+\sqrt{T}) (1+\sqrt{T}) (-1-\sqrt{T}+T) (-1+\sqrt{T}+T) (1+T^2) (1-T+T^2)}{T^{7/2}}, \right. \right. \\
& \left. \left. -\frac{(-1+T)^2 (3-24T+76T^2-144T^3+210T^4-248T^5+260T^6-248T^7+210T^8-144T^9+76T^{10}-24T^{11}+3T^{12})}{2T^7} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 111], \right. \\
& \left. \left\{ -\frac{(-1+T)^3 (1-3T+T^2) (1-T+T^2)}{T^2}, \frac{(-1+T)^2 (1-3T+T^2) (-1+7T-22T^2+48T^3-78T^4+97T^5-103T^6+93T^7-66T^8+30T^9-8T^{10}+T^{11})}{T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 112], \right. \\
& \left. \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1+\sqrt{T}-T-T^{3/2}+T^2) (1-\sqrt{T}-T+T^{3/2}+T^2)}{T^{7/2}}, \right. \right. \\
& \left. \left. \frac{(-1+T)^2 (1-3T+5T^2-3T^3+T^4) (1-7T+15T^2-13T^3+4T^4-13T^5+15T^6-7T^7+T^8)}{2T^7} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 113], \right. \\
& \left. \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-T+T^2)^2}{T^{7/2}}, -\frac{(-1+T)^2 (1-T+T^2)^2 (3-18T+39T^2-42T^3+40T^4-42T^5+39T^6-18T^7+3T^8)}{2T^7} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 114], \right. \\
& \left. \left\{ \frac{(-1+\sqrt{T}) (1+\sqrt{T}) (2-T+2T^2-T^3+2T^4-T^5+2T^6)}{T^{7/2}}, \right. \right. \\
& \left. \left. \frac{(-1+T)^2 (30-28T+59T^2-48T^3+78T^4-60T^5+87T^6-60T^7+78T^8-48T^9+59T^{10}-28T^{11}+30T^{12})}{2T^7} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 115], \right. \\
& \left. \left\{ \frac{(-1+\sqrt{T}) (1+\sqrt{T}) (2-3T+2T^2) (2+T+2T^2)}{T^{5/2}}, \frac{(-1+T)^2 (96-176T+284T^2-328T^3+381T^4-328T^5+284T^6-176T^7+96T^8)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 116], \right. \\
& \left. \left\{ \frac{(-1+\sqrt{T}) (1+\sqrt{T}) (4-6T+9T^2-6T^3+4T^4)}{T^{5/2}}, \frac{(-1+T)^2 (96-264T+550T^2-756T^3+873T^4-756T^5+550T^6-264T^7+96T^8)}{2T^5} \right\} \right\}
\end{aligned}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 117], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-2T+4T^2-3T^3+4T^4-2T^5+2T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(30-56T+130T^2-172T^3+252T^4-264T^5+301T^6-264T^7+252T^8-172T^9+130T^{10}-56T^{11}+30T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 118], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-\sqrt{T}+T-T^{3/2}+T^2)(1+\sqrt{T}+T+T^{3/2}+T^2)(1-T+T^2-T^3+T^4)}{T^{9/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(9+16T^2+21T^4+24T^6+25T^8+24T^{10}+21T^{12}+16T^{14}+9T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 119], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(8-11T+8T^2)}{T^{3/2}}, \frac{9(-1+T)^2(32-80T+109T^2-80T^3+32T^4)}{2T^3} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 120], \right. \\ \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(3-2T+3T^2-2T^3+3T^4)}{T^{5/2}}, \frac{(-1+T)^2(55-68T+114T^2-112T^3+147T^4-112T^5+114T^6-68T^7+55T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 121], \left\{ \frac{5(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)^2}{T^{5/2}}, \frac{(-1+T)^2(1-T+T^2)^2(149-250T+327T^2-250T^3+149T^4)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 122], \left\{ -\frac{(-1+T)^2(1-5T+9T^2-5T^3+T^4)}{T^3}, \frac{(-1+T)^2(5-36T+103T^2-146T^3+103T^4-36T^5+5T^6)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 123], \right. \\ \left. \left\{ -\frac{(-1+T)^2(4-11T+4T^2)}{T^2}, \frac{(-1+T)^2(-8+60T-184T^2+303T^3-298T^4+164T^5-26T^6-13T^7+4T^8)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 124], \right. \\ \left. \left\{ \frac{(-1+T)^2(1-5T+7T^2-5T^3+T^4)}{T^3}, \frac{(-1+T)^2(1-12T+59T^2-160T^3+272T^4-322T^5+272T^6-160T^7+59T^8-12T^9+T^{10})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 125], \left\{ -\frac{(-1+T)^2(1-5T+5T^2-5T^3+T^4)}{T^3}, \frac{(-1+T)^2(1-16T+59T^2-86T^3+59T^4-16T^5+T^6)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 126], \left\{ -\frac{(-1+T)^2(2-7T+2T^2)}{T^2}, \frac{(-1+T)^2(3-24T+69T^2-94T^3+69T^4-24T^5+3T^6)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 127], \right. \\ \left. \left\{ \frac{2(-1+T)^4(1-T+T^2)}{T^3}, \frac{(-1+T)^4(-7+48T-143T^2+256T^3-324T^4+294T^5-193T^6+84T^7-21T^8+2T^9)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 128], \right. \\ \left. \left\{ -\frac{(-1+T)^2(1-5T+7T^2-5T^3+T^4)}{T^4}, \frac{(-1+T)^3(1-10T+37T^2-60T^3+42T^4-23T^5+22T^6-12T^7+2T^8)}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 129], \right. \\ \left. \left\{ \frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(1-5T+9T^2-5T^3+T^4)}{T^{7/2}}, \frac{(-1+T)^4(-2+17T-60T^2+119T^3-152T^4+157T^5-162T^6+93T^7-26T^8+3T^9)}{2T^8} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 130], \right. \\ \left. \left\{ \frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(6-7T+6T^2)}{T^{5/2}}, -\frac{(-1+T)^2(36-312T+952T^2-1649T^3+1872T^4-1453T^5+734T^6-200T^7+12T^8)}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 131], \left\{ -\frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(2-4T+5T^2-4T^3+2T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(4-58T+270T^2-700T^3+1270T^4-1753T^5+1928T^6-1707T^7+1208T^8-654T^9+250T^{10}-54T^{11}+4T^{12})}{2T^8} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 132], \right. \\ \left. \left\{ -\frac{(-1+T)^2(1-5T+3T^2-5T^3+T^4)}{T^3}, \frac{(-1+T)^2(2-24T+99T^2-196T^3+270T^4-298T^5+270T^6-196T^7+99T^8-24T^9+2T^{10})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 133], \right. \\ \left. \left\{ -\frac{(-1+T)^2(2-3T+3T^2-3T^3+2T^4)}{T^3}, -\frac{(-1+T)^2(9-44T+98T^2-154T^3+191T^4-204T^5+191T^6-154T^7+98T^8-44T^9+9T^{10})}{T^6} \right\} \right\}$$

$$\begin{aligned}
 & \left\{ \text{Link}[10, \text{Alternating}, 134], \left\{ -\frac{(-1+T)^2 (1-5T+9T^2-5T^3+T^4)}{T^3}, \frac{(-1+T)^2 (5-38T+113T^2-164T^3+113T^4-38T^5+5T^6)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 135], \right. \\
 & \quad \left. \left\{ -\frac{(-1+T)^2 (1-T+T^2) (2-3T+2T^2)}{T^3}, -\frac{(-1+T)^4 (1-4T+16T^2-34T^3+44T^4-34T^5+16T^6-4T^7+T^8)}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 136], \left\{ -\frac{(-1+T)^2 (1-3T+T^2)^2}{T^3}, \emptyset \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 137], \left\{ \frac{(-1+T)^4 (2-T+2T^2)}{T^3}, -\frac{(-1+T)^4 (5-24T+53T^2-68T^3+80T^4-68T^5+53T^6-24T^7+5T^8)}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 138], \right. \\
 & \quad \left. \left\{ \frac{(-1+T)^4 (1-T+T^2) (1+T+T^2)}{T^4}, -\frac{(-1+T)^4 (2-8T+15T^2-18T^3+23T^4-20T^5+24T^6-20T^7+23T^8-18T^9+15T^{10}-8T^{11}+2T^{12})}{T^8} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 139], \left\{ \frac{(-3+T) (-1+T)^2 (-1+3T)}{T^2}, \frac{(-3+T) (-1+T)^5 (-1+3T) (1-2T-3T^2+T^3)}{T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 140], \left\{ \frac{(-1+T)^4 (1+T^2)^2}{T^4}, \emptyset \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 141], \left\{ \frac{2(-1+T)^4 (1+T^2)}{T^3}, -\frac{(-1+T)^6 (3-6T+T^2-4T^3+T^4-6T^5+3T^6)}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 142], \right. \\
 & \quad \left. \left\{ \frac{(-1+T)^2 (3-T+3T^2-T^3+3T^4)}{T^3}, \frac{2(-1+T)^2 (15-38T+59T^2-76T^3+89T^4-95T^5+89T^6-76T^7+59T^8-38T^9+15T^{10})}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 143], \left\{ \frac{(-1+T)^2 (6-5T+6T^2)}{T^2}, \frac{(-1+T)^2 (93-316T+563T^2-674T^3+563T^4-316T^5+93T^6)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 144], \right. \\
 & \quad \left. \left\{ -\frac{(-1+T)^2 (2-3T+3T^2-3T^3+2T^4)}{T^3}, -\frac{(-1+T)^2 (9-44T+94T^2-144T^3+175T^4-186T^5+175T^6-144T^7+94T^8-44T^9+9T^{10})}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 145], \left\{ -\frac{(-1+T)^2 (1-T+T^2-T^3+T^4-T^5+T^6)}{T^4}, \right. \right. \\
 & \quad \left. \left. -\frac{(-1+T)^2 (3-12T+21T^2-30T^3+35T^4-40T^5+41T^6-42T^7+41T^8-40T^9+35T^{10}-30T^{11}+21T^{12}-12T^{13}+3T^{14})}{T^8} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 146], \left\{ -\frac{(-1+T)^2 (4-7T+4T^2)}{T^2}, -\frac{2(-1+T)^2 (12-64T+136T^2-171T^3+136T^4-64T^5+12T^6)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 147], \right. \\
 & \quad \left. \left\{ -\frac{(-1+T)^2 (1-T+T^2) (2-3T+2T^2)}{T^3}, -\frac{(-1+T)^2 (1-6T+21T^2-56T^3+100T^4-122T^5+100T^6-56T^7+21T^8-6T^9+T^{10})}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 148], \left\{ -\frac{(-1+T)^2 (1-T+T^2) (1-T+T^2-T^3+T^4)}{T^4}, \right. \right. \\
 & \quad \left. \left. -\frac{(-1+T)^2 (1-6T+19T^2-40T^3+59T^4-70T^5+73T^6-74T^7+73T^8-70T^9+59T^{10}-40T^{11}+19T^{12}-6T^{13}+T^{14})}{T^8} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 149], \right. \\
 & \quad \left. \left\{ \frac{2(-1+\sqrt{T})^4 (1+\sqrt{T})^4 (1-T+T^2)}{T^{5/2}}, \frac{(-1+T)^4 (-7+48T-141T^2+246T^3-304T^4+264T^5-167T^6+68T^7-17T^8+2T^9)}{T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 150], \right. \\
 & \quad \left. \left\{ -\frac{(-1+T)^4 (2-T+2T^2)}{T^3}, \frac{2(-1+T)^4 (1-9T+34T^2-71T^3+109T^4-124T^5+114T^6-77T^7+39T^8-11T^9+T^{10})}{T^7} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 151], \left\{ -\frac{(-1+\sqrt{T})^4 (1+\sqrt{T})^4 (-1-\sqrt{T}+T) (-1+\sqrt{T}+T)}{T^{9/2}}, \frac{(-1+T)^8 (1-3T+T^2) (1-T+3T^2)}{2T^9} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{Alternating}, 152], \right. \\
 & \quad \left. \left\{ \frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (1-6T+4T^2-6T^3+T^4)}{T^{7/2}}, -\frac{(-1+T)^4 (3-40T+156T^2-194T^3+272T^4-224T^5+184T^6-66T^7+7T^8)}{2T^7} \right\} \right\}
 \end{aligned}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 153], \left\{ \frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (3-2T+4T^2-2T^3+3T^4)}{T^{7/2}}, \frac{(-1+T)^4 (45-46T+112T^2-86T^3+136T^4-80T^5+108T^6-38T^7+41T^8+6T^9)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 154], \left\{ -\frac{4(-1+T)^2 (1-3T+T^2)}{T^2}, \frac{2(-1+T)^4 (15-78T+112T^2-40T^3-3T^4+2T^5)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 155], \left\{ -\frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (1-5T+12T^2-5T^3+T^4)}{T^{7/2}}, \frac{(-1+T)^4 (-3+34T-163T^2+452T^3-746T^4+736T^5-379T^6+120T^7-21T^8+2T^9)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 156], \left\{ \frac{(-1+T)^2 (-1+T-2T^2+T^3) (-1+2T-T^2+T^3)}{T^4}, \emptyset \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 157], \left\{ \frac{(-1+T)^2 (2-4T+3T^2-4T^3+2T^4)}{T^3}, \frac{(-1+T)^6 (3-6T-T^2-4T^3-T^4-6T^5+3T^6)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 158], \left\{ \frac{(-1+T)^2 (4-9T+4T^2)}{T^2}, \emptyset \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 159], \left\{ \frac{(-1+T)^2 (1+T^2) (3-2T+3T^2)}{T^3}, \frac{(-1+T)^2 (30-94T+211T^2-348T^3+457T^4-504T^5+457T^6-348T^7+211T^8-94T^9+30T^{10})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 160], \left\{ -\frac{(-1+T)^4 (2+T+2T^2)}{T^3}, -\frac{(-1+T)^2 (9-44T+88T^2-124T^3+143T^4-152T^5+143T^6-124T^7+88T^8-44T^9+9T^{10})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 161], \left\{ -\frac{(-1+T)^4 (1+T^2) (1+T+T^2)}{T^4}, -\frac{(-1+T)^2 (1-2T-2T^3+T^4) (3-6T+9T^2-10T^3+11T^4-10T^5+11T^6-10T^7+9T^8-6T^9+3T^{10})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 162], \left\{ -\frac{(-1+T)^2 (1+T^2) (1-T+T^2)^2}{T^4}, -\frac{(-1+T)^4 (1-T+T^2) (1-3T+7T^2-10T^3+9T^4-13T^5+9T^6-10T^7+7T^8-3T^9+T^{10})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 163], \left\{ -\frac{(-1+T)^4 (1+T^2) (1-T+T^2)}{T^4}, \frac{(-1+T)^4 (1-6T+17T^2-34T^3+48T^4-58T^5+60T^6-58T^7+48T^8-34T^9+17T^{10}-6T^{11}+T^{12})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 164], \left\{ \frac{(-1+T)^2 (7-6T+7T^2)}{T^2}, \frac{(-1+T)^2 (129-444T+803T^2-968T^3+803T^4-444T^5+129T^6)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 165], \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (-1-2\sqrt{T}+T) (-1+2\sqrt{T}+T)}{T^{5/2}}, \frac{(-1+T)^4 (3-42T+177T^2-260T^3+177T^4-42T^5+3T^6)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 166], \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (2-3\sqrt{T}+2T) (2+3\sqrt{T}+2T)}{T^{5/2}}, \frac{(-1+T)^4 (92-208T+317T^2-362T^3+317T^4-208T^5+92T^6)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 167], \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-2T+T^2-2T^3+T^4)}{T^{7/2}}, -\frac{(-1+T)^4 (3-18T+37T^2-48T^3+53T^4-46T^5+53T^6-48T^7+37T^8-18T^9+3T^{10})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 168], \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-8T+T^2)}{T^{5/2}}, \frac{(-1+T)^4 (1-10T+T^2) (1-8T+12T^2-8T^3+T^4)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 169], \left\{ -\frac{(-1+\sqrt{T})^7 (1+\sqrt{T})^7}{T^{3/2}}, \frac{(-1+T)^{11} (-5+5T-7T^2+3T^3)}{2T^3} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{Alternating}, 170], \left\{ \frac{(-1+T)^5 (1-T+T^2)}{T^2}, \frac{(-1+T)^6 (2-5T+10T^2-16T^3+14T^4-7T^5-T^6+T^7)}{T^4} \right\} \right\}$$

$$\begin{aligned}
& \left\{ \text{Link}[10, \text{Alternating}, 171], \right. \\
& \quad \left. \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (3-4T+3T^2)}{T^{5/2}}, \frac{(-1+T)^4 (33-146T+261T^2-320T^3+261T^4-146T^5+33T^6)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 172], \left\{ -\frac{(-1+\sqrt{T})^5 (1+\sqrt{T})^5 (1+T^2)}{T^{7/2}}, -\frac{(-1+T)^6 (2-3T-2T^2-6T^4+4T^5-14T^6+12T^7-12T^8+3T^9)}{2T^8} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 173], \left\{ -\frac{3(-1+\sqrt{T})^5 (1+\sqrt{T})^5}{T^{5/2}}, \frac{(-1+T)^4 (33-182T+387T^2-492T^3+387T^4-182T^5+33T^6)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{Alternating}, 174], \left\{ \frac{5(-1+T)^4}{T^2}, \frac{20(-1+T)^6 (3-5T+3T^2)}{T^4} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 1], \right. \\
& \quad \left. \left\{ \frac{(-1+T)(1-2T+2T^2+2T^4-2T^5+T^6)}{T^2}, \frac{(-1+T)(1+T)(1-4T+6T^2+3T^3-20T^4+38T^5-52T^6+63T^7-55T^8+32T^9-11T^{10}+2T^{11})}{T^3} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 2], \left\{ -\frac{(-1+T)^5}{T}, -\frac{(-1+T)^4 (-1+3T-4T^2+2T^3-3T^5+6T^6-2T^8+T^9)}{T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 3], \right. \\
& \quad \left. \left\{ -\frac{(-1+T)^3 (1-T+T^2)}{T}, -\frac{(-1+T)^2 (-1+5T-12T^2+16T^3-11T^4-4T^5+20T^6-21T^7+10T^8+2T^9-3T^{10}+T^{11})}{T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 4], \right. \\
& \quad \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T^2)(1-2T+T^2-2T^3+T^4)}{T^{7/2}}, \frac{(-1+T)^2 (1-4T+10T^2-16T^3+10T^4-4T^5+8T^6-4T^7+10T^8-16T^9+10T^{10}-4T^{11}+T^{12})}{2T^7} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 5], \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1+T^2)}{T^{5/2}}, -\frac{(-1+T)^2 (3-8T+10T^2-12T^3+6T^4-12T^5+10T^6-8T^7+3T^8)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 6], \right. \\
& \quad \left. \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-T+T^2)}{T^{5/2}}, -\frac{(-1+T)^2 (1+T^2)(1-10T+30T^2-40T^3+30T^4-10T^5+T^6)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 7], \right. \\
& \quad \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-3T-3T^3+2T^4)}{T^{5/2}}, \frac{(-1+T)^2 (10-28T+17T^2-4T^3+12T^4-4T^5+17T^6-28T^7+10T^8)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 8], \left\{ \frac{2(-1+\sqrt{T})^3 (1+\sqrt{T})^3}{T^{3/2}}, -\frac{(-1+T)^2 (3-4T-2T^2-4T^3+3T^4)}{T^3} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 9], \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3}{T^{3/2}}, \frac{(-1+T)^2 (1+4T-14T^2+4T^3+T^4)}{2T^3} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 10], \right. \\
& \quad \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(1-T-2T^2-T^3+T^4)}{T^{5/2}}, \frac{(-1+T)(-3+17T-30T^2+18T^3-10T^6+22T^7-8T^8-18T^{10}+46T^{11}-33T^{12}+7T^{13})}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 11], \left\{ \frac{(-1+\sqrt{T})^5 (1+\sqrt{T})^5}{T^{3/2}}, \frac{(-1+T)^4 (2-8T+13T^2-20T^3+27T^4-28T^5+29T^6-12T^7+T^8)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 12], \right. \\
& \quad \left. \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (-1-\sqrt{T}+T)(-1+\sqrt{T}+T)}{T^{3/2}}, \frac{(-1+T)^2 (1-3T+T^2)(2-10T+23T^2-39T^3+49T^4-46T^5+37T^6-13T^7+T^8)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 13], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-2T+T^2-2T^3+T^4-2T^5+T^6)}{T^{7/2}}, \right. \right. \\
& \quad \left. \left. \frac{(-1+T)^2 (5-20T+26T^2-28T^3+33T^4-28T^5+30T^6-28T^7+33T^8-28T^9+26T^{10}-20T^{11}+5T^{12})}{2T^7} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 14], \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3}{T^{3/2}}, \frac{(-1+T)^2 (5-16T+18T^2-16T^3+5T^4)}{2T^3} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 15], \right. \\
& \quad \left. \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-T+T^2-T^3+T^4)}{T^{7/2}}, -\frac{(-1+T)^2 (3-18T+49T^2-76T^3+88T^4-90T^5+92T^6-90T^7+88T^8-76T^9+49T^{10}-18T^{11}+3T^{12})}{2T^7} \right\} \right\}
\end{aligned}$$

$$\begin{aligned}
& \left\{ \text{Link}[10, \text{NonAlternating}, 16], \right. \\
& \quad \left. \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (2-3T+2T^2)}{T^{5/2}}, \frac{(-1+T)^2 (14-104T+317T^2-576T^3+694T^4-576T^5+317T^6-104T^7+14T^8)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 17], \right. \\
& \quad \left. \left\{ \frac{(-1+T)(1-2T+3T^2-2T^3+3T^4-2T^5+T^6)}{T^2}, \frac{(-1+T)(1-3T+4T^2+2T^3-8T^4+10T^5+T^6-17T^7+35T^8-36T^9+24T^{10}-9T^{11}+2T^{12})}{T^3} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 18], \left\{ -(-1+T)^3, -\frac{(-1+T)^2(-1+3T-4T^2+T^3+6T^4-14T^5+15T^6-4T^7-T^8+T^9)}{T^4} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 19], \right. \\
& \quad \left. \left\{ -\frac{2(-1+\sqrt{T})(1+\sqrt{T})(1-2T+T^2-2T^3+T^4)}{T^{5/2}}, \frac{(-1+T)^2(7-28T+36T^2-36T^3+45T^4-36T^5+36T^6-28T^7+7T^8)}{T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 20], \right. \\
& \quad \left. \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (-1-\sqrt{T}+T)(-1+\sqrt{T}+T)}{T^{5/2}}, \frac{(-1+T)^2(1-3T+T^2)(1-7T+11T^2-6T^3+11T^4-7T^5+T^6)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 21], \left\{ -\frac{(-1+T)^5}{T^2}, -\frac{(-1+T)^4(-3+11T-17T^2+17T^3-7T^4+T^5)}{T^3} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 22], \left\{ \frac{(-1+T)^5}{T^2}, -\frac{(-1+T)^4(-1+7T-18T^2+19T^3-10T^4+T^5)}{T^4} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 23], \right. \\
& \quad \left. \left\{ \frac{(-1+T)^3(1+T^4)}{T^3}, -\frac{(-1+T)^2(2-9T+14T^2-11T^3+4T^4-6T^5+11T^6-11T^7+5T^8-9T^9+15T^{10}-12T^{11}+3T^{12})}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 24], \left\{ \frac{(-1+T)^3(1+T^2)}{T^2}, -\frac{(-1+T)^2(-1+3T-2T^2-6T^3+10T^4-8T^5-T^6+T^7)}{T^4} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 25], \right. \\
& \quad \left. \left\{ -\frac{(-1+T)(1-2T^2-T^3+T^4)}{T^3}, \frac{(-1+T)(2-11T+19T^2-7T^3-12T^4+6T^5+7T^6-15T^7+14T^8-6T^9+T^{10})}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 26], \right. \\
& \quad \left. \left\{ \frac{(-1+T)(1-5T+10T^2-5T^3+T^4)}{T^3}, \frac{(-1+T)(1-10T+47T^2-126T^3+206T^4-215T^5+149T^6-81T^7+35T^8-9T^9+T^{10})}{T^7} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 27], \right. \\
& \quad \left. \left\{ -\frac{(-1+T)(1-4T+T^2)(1-T+T^2)}{T^3}, \frac{(-1+T)(-1+14T-61T^2+122T^3-157T^4+148T^5-106T^6+50T^7-12T^8+T^9)}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 28], \right. \\
& \quad \left. \left\{ -\frac{(-1+T)(1-T-2T^2-T^3+T^4)}{T^4}, -\frac{(-1+T)(2-6T-3T^2+12T^3+6T^4-7T^5-6T^6+6T^7+3T^8-4T^9+T^{10})}{T^8} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 29], \right. \\
& \quad \left. \left\{ -\frac{(-1+T)(1-3T+5T^2-8T^3+5T^4-3T^5+T^6)}{T^3}, \frac{(-1+T)(-2+13T-36T^2+56T^3-73T^4+87T^5-78T^6+60T^7-38T^8+18T^9-6T^{10}+T^{11})}{T^3} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 30], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-3T+5T^2-4T^3+5T^4-3T^5+T^6)}{T^{7/2}}, \right. \right. \\
& \quad \left. \left. \frac{(-1+T)(-1+7T-15T^2-7T^3+101T^4-251T^5+394T^6-464T^7+427T^8-311T^9+193T^{10}-103T^{11}+45T^{12}-13T^{13}+2T^{14})}{2T^7} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 31], \right. \\
& \quad \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-2+T)(-1+2T)(1+T^2)}{T^{5/2}}, \frac{(-1+T)^2(14-68T+115T^2-132T^3+152T^4-132T^5+115T^6-68T^7+14T^8)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 32], \{0, 0\} \right\}
\end{aligned}$$

$$\begin{aligned}
 & \left\{ \text{Link}[10, \text{NonAlternating}, 33], \right. \\
 & \left. \left\{ \frac{(-1+T)^3 (1-4T+T^2)}{T^2}, \frac{(-1+T)^2 (-1+12T-59T^2+158T^3-262T^4+266T^5-168T^6+61T^7-12T^8+T^9)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 34], \left\{ \frac{3(-1+T)^3}{T}, -\frac{(-1+T)^2 (3-13T+10T^2+6T^3-14T^4+2T^5)}{T^3} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 35], \right. \\
 & \left. \left\{ \frac{2(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-T+T^2)}{T^{7/2}}, -\frac{(-1+T)^2 (8-45T+114T^2-187T^3+212T^4-174T^5+102T^6-47T^7+20T^8-9T^9+2T^{10})}{T^8} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 36], \{0, 0\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 37], \right. \\
 & \left. \left\{ \frac{2(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)}{T^{5/2}}, \frac{(-1+T)(4-13T+23T^2-33T^3+35T^4-31T^5+21T^6-10T^7+2T^8)}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 38], \right. \\
 & \left. \left\{ \frac{2(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)^2}{T^{7/2}}, \frac{(-1+T)(1-T+T^2)(-3+6T-11T^2+11T^3+7T^4-29T^5+26T^6-11T^7+2T^8)}{T^7} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 39], \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-\sqrt{T}+T)(1+\sqrt{T}+T)(1-T+T^2)}{T^{7/2}}, \right. \right. \\
 & \left. \left. -\frac{(-1+T)^2 (5-22T+42T^2-60T^3+72T^4-86T^5+90T^6-92T^7+80T^8-70T^9+50T^{10}-28T^{11}+7T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 40], \right. \\
 & \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-3T+3T^2-3T^3+T^4)}{T^{5/2}}, \frac{(-1+T)^2 (1-6T+7T^2+16T^3-29T^4+16T^5+7T^6-6T^7+T^8)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 41], \right. \\
 & \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1+\sqrt{T}-T-T^{3/2}+T^2)(1-\sqrt{T}-T+T^{3/2}+T^2)}{T^{5/2}}, \frac{(-1+T)^2 (1-6T+35T^2-88T^3+117T^4-88T^5+35T^6-6T^7+T^8)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 42], \right. \\
 & \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-2T+T^3-2T^5+T^6)}{T^{7/2}}, -\frac{(-1+T)^2 (5-20T+18T^2+6T^3-16T^4-4T^5+15T^6-4T^7-16T^8+6T^9+18T^{10}-20T^{11}+5T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 43], \right. \\
 & \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-5T+7T^2-5T^3+T^4)}{T^{5/2}}, -\frac{(-1+T)^2 (1-14T+61T^2-124T^3+151T^4-124T^5+61T^6-14T^7+T^8)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 44], \left\{ -\frac{(-2+T)(-1+T)(-1+2T)}{T}, -\frac{(-1+T)(5-34T+87T^2-117T^3+78T^4-22T^5+2T^6)}{T^2} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 45], \left\{ -\frac{(-1+T)(1-T-T^2-T^3+T^4)}{T^2}, \frac{(-1+T)(1-3T+2T^2-4T^3+14T^4-11T^5+5T^6-T^7-4T^8+2T^9)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 46], \right. \\
 & \left. \left\{ -\frac{(-1+T)(1-3T+T^2-3T^3+T^4)}{T^2}, -\frac{(-2+T)(-1+T)(-1+7T-13T^2+11T^3-16T^4+18T^5-12T^6+14T^7-6T^8+T^9)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 47], \left\{ \frac{(-1+T)(1-3T+7T^2-3T^3+T^4)}{T^2}, -\frac{(-1+T)(-1+7T-19T^2+42T^3-64T^4+48T^5-20T^6+4T^7)}{T^3} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 48], \right. \\
 & \left. \left\{ \frac{(-1+T)(1-3T+5T^2-3T^3+T^4)}{T^2}, -\frac{(-1+T)(1-5T+11T^2-13T^3+13T^4-12T^5+2T^6+8T^7-8T^8+2T^9)}{T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 49], \right. \\
 & \left. \left\{ -\frac{(-1+T)(1-2T-T^3-2T^5+T^6)}{T^3}, \frac{(-1+T)(-1+5T-5T^2-3T^3+4T^4-5T^5+8T^6-6T^7+5T^8+2T^9-7T^{10}+16T^{11}-13T^{12}+3T^{13})}{T^6} \right\} \right\}
 \end{aligned}$$

$$\begin{aligned}
& \left\{ \text{Link}[10, \text{NonAlternating}, 50], \right. \\
& \left. \left\{ \frac{(-1+T)(1-3T+3T^2-T^3+3T^4-3T^5+T^6)}{T^3}, -\frac{(-1+T)(1-5T+8T^2-6T^4-19T^5+55T^6-53T^7+22T^8-8T^9-8T^{10}+39T^{11}-47T^{12}+27T^{13}-8T^{14}+T^{15})}{T^7} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 51], \right. \\
& \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-5T+5T^2-5T^3+T^4)}{T^{5/2}}, \frac{(-1+T)^2(3-38T+131T^2-204T^3+251T^4-204T^5+131T^6-38T^7+3T^8)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 52], \left\{ \frac{(-1+T)(1-5T+9T^2-5T^3+T^4)}{T^2}, -\frac{(-1+T)^2(1-7T+22T^2-38T^3+30T^4-12T^5+2T^6)}{T^3} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 53], \right. \\
& \left. \left\{ -\frac{(-1+T)(1-5T+T^2)(1-T+T^2)}{T^3}, -\frac{(-1+T)^2(-2+20T-64T^2+93T^3-92T^4+63T^5-32T^6+5T^7)}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 54], \right. \\
& \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(1-T-2T^2-T^3+T^4)}{T^{7/2}}, -\frac{(-1+T)^2(5-20T+18T^2-4T^4-4T^5+12T^6-4T^7-4T^8+18T^{10}-20T^{11}+5T^{12})}{2T^7} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 55], \right. \\
& \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-6T+6T^2-6T^3+T^4)}{T^{5/2}}, \frac{(-1+T)^2(3-44T+174T^2-288T^3+362T^4-288T^5+174T^6-44T^7+3T^8)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 56], \right. \\
& \left. \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+T)^2}{T^{3/2}}, \frac{(-1+T)^2(1+T)^2(4-13T+18T^2-13T^3+4T^4-T^5-6T^6+3T^7)}{2T^4} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 57], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+T)^2}{T^{5/2}}, -\frac{(-1+T)^2(1+T)^2(1-6T+15T^2-16T^3+15T^4-6T^5+T^6)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 58], \right. \\
& \left. \left\{ \frac{2(-1+T)^3(1-T+T^2)}{T^3}, -\frac{(-1+T)^2(4-17T+30T^2-29T^3+8T^4+14T^5-22T^6+9T^7+4T^8-7T^9+2T^{10})}{T^7} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 59], \{0, 0\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 60], \left\{ \frac{2(-1+T)(1-T+T^2)}{T^2}, \frac{(-1+T)(6-17T+31T^2-41T^3+43T^4-35T^5+23T^6-10T^7+2T^8)}{T^5} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 61], \right. \\
& \left. \left\{ \frac{2(-1+T)(1-T+T^2)^2}{T^3}, \frac{(-1+T)(1-T+T^2)(4-15T+32T^2-51T^3+63T^4-45T^5+11T^6+6T^7-5T^8+2T^9)}{T^7} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 62], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-\sqrt{T}+T)(1+\sqrt{T}+T)(1-T+T^2)}{T^{7/2}}, \right. \right. \\
& \left. \left. -\frac{(-1+T)^2(5-20T+34T^2-44T^3+46T^4-52T^5+50T^6-52T^7+46T^8-44T^9+34T^{10}-20T^{11}+5T^{12})}{2T^7} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 63], \right. \\
& \left. \left\{ -\frac{(-1+T)(1+T^2)(1-3T+T^2)(1-T+T^2)}{T^2}, \frac{(-1+T)(1-3T+T^2)(1-3T+6T^2-11T^3+16T^4-14T^5+2T^6+8T^7-17T^8+12T^9-5T^{10}+T^{11})}{T^4} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 64], \right. \\
& \left. \left\{ \frac{(-1+T)(1-4T+8T^2-4T^3+T^4)}{T}, \frac{(-1+T)(1-8T+33T^2-93T^3+185T^4-261T^5+253T^6-151T^7+54T^8-10T^9+T^{10})}{T^3} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 65], \right. \\
& \left. \left\{ \frac{(-1+T)^2(1-3T+3T^2-3T^3+T^4)}{T^3}, \frac{(-1+T)^2(1-8T+24T^2-36T^3+35T^4-34T^5+35T^6-36T^7+24T^8-8T^9+T^{10})}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[10, \text{NonAlternating}, 66], \left\{ -\frac{(-1+T)^2}{T}, \frac{2(-1+T)^2(1-3T+T^2)}{T^2} \right\} \right\}
\end{aligned}$$

$$\begin{aligned}
 & \left\{ \text{Link}[10, \text{NonAlternating}, 67], \left\{ \frac{(-2+T)(-1+T)^2(-1+2T)}{T^2}, \frac{(-1+T)^2(1-12T+45T^2-70T^3+45T^4-12T^5+T^6)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 68], \right. \\
 & \quad \left. \left\{ \frac{(-1+T)^2(2+T^2+2T^4)}{T^3}, -\frac{(-1+T)^2(2-19T+35T^2-40T^3+45T^4-56T^5+61T^6-54T^7+46T^8-44T^9+37T^{10}-19T^{11}+2T^{12})}{T^7} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 69], \right. \\
 & \quad \left. \left\{ -\frac{(-1+T)^2(2-3T+2T^2)}{T^2}, -\frac{(-1+T)^2(-4+16T-42T^2+93T^3-145T^4+158T^5-115T^6+55T^7-14T^8+2T^9)}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 70], \left\{ -\frac{(-1+T)^4}{T^2}, \frac{(-1+T)^4(1-3T+7T^2-16T^3+15T^4-9T^5+T^6)}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 71], \right. \\
 & \quad \left. \left\{ \frac{(-1+T)^2(1-3T+T^2-3T^3+T^4)}{T^3}, \frac{(-1+T)^2(1-8T+22T^2-24T^3+12T^4-10T^5+12T^6-24T^7+22T^8-8T^9+T^{10})}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 72], \left\{ -\frac{(-1+T)^2(1-T+T^2)}{T^2}, -\frac{(-1+T)^2(1-2T-3T^2+4T^3-3T^4-2T^5+T^6)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 73], \left\{ \frac{(-2+T)(-1+T)^2(-1+2T)}{T^2}, -\frac{(-1+T)^6(1-4T+T^2)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 74], \right. \\
 & \quad \left. \left\{ \frac{(-1+T)^2(1-T+T^2)(2+3T+2T^2)}{T^3}, \frac{(-1+T)^2(13-12T+3T^2+6T^4-14T^5+6T^6+3T^8-12T^9+13T^{10})}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 75], \left\{ -\frac{(-1+T)^2(2-3T+2T^2)}{T^2}, \frac{(-1+T)^2(5-32T+67T^2-86T^3+67T^4-32T^5+5T^6)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 76], \left\{ -\frac{2(-1+T)^4}{T^2}, \frac{(-1+T)^4(5-28T+34T^2-28T^3+5T^4)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 77], \left\{ \frac{(-1+T)^2(1+T+T^2+T^3+T^4+T^5+T^6)}{T^4}, \frac{2(-1+T)^2(2-T^7+2T^{14})}{T^8} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 78], \right. \\
 & \quad \left. \left\{ -\frac{(-1+T)^2(1-T+T^2-T^3+T^4)}{T^3}, \frac{(-1+T)^2(2-10T+17T^2-24T^3+27T^4-30T^5+27T^6-24T^7+17T^8-10T^9+2T^{10})}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 79], \left\{ -\frac{(-1+T)^4(1+T^2)}{T^3}, \frac{(-1+T)^4(2-10T+15T^2-24T^3+22T^4-24T^5+15T^6-10T^7+2T^8)}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 80], \left\{ -\frac{(-1+T)^2(1-6T+T^2)}{T^2}, \frac{(-1+T)^3(2-16T+45T^2-44T^3+40T^4-12T^5+T^6)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 81], \left\{ -\frac{(-1+T)^2(1-T+T^2)^2}{T^3}, \frac{2(-1+T)^2(1-T+T^2)^2(1-5T+7T^2-9T^3+7T^4-5T^5+T^6)}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 82], \left\{ -\frac{(-1+T)^2(1-T+T^2)}{T^2}, \frac{(-1+T)^2(1-4T+T^2-2T^3+T^4-4T^5+T^6)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 83], \right. \\
 & \quad \left. \left\{ -\frac{(-1+\sqrt{T})^4(1+\sqrt{T})^4(1+T^2)}{T^{5/2}}, \frac{(-1+T)^4(5-14T+18T^2-26T^3+22T^4-30T^5+22T^6-18T^7+5T^8)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 84], \right. \\
 & \quad \left. \left\{ \frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(1+2T+2T^3+T^4)}{T^{7/2}}, \frac{(-1+T)^4(5+16T+20T^2+22T^3+24T^4+32T^5+16T^6+22T^7+9T^8)}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 85], \right. \\
 & \quad \left. \left\{ -\frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(1-2T+4T^2-2T^3+T^4)}{T^{7/2}}, -\frac{(-1+T)^4(1-4T+16T^2-22T^3+32T^4-28T^5+20T^6-6T^7+T^8)}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 86], \right. \\
 & \quad \left. \left\{ -\frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(1-2T-2T^3+T^4)}{T^{7/2}}, \frac{(-1+T)^4(3-12T+8T^2-14T^3+8T^4-12T^5+12T^6-14T^7+3T^8)}{2T^7} \right\} \right\}
 \end{aligned}$$

$$\begin{aligned}
 & \left\{ \text{Link}[10, \text{NonAlternating}, 87], \right. \\
 & \quad \left. \left\{ -\frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(1+2T+2T^3+T^4)}{T^{7/2}}, \frac{(-1+T)^4(-7-18T-16T^2-18T^3-24T^4-16T^5-12T^6-18T^7-3T^8+2T^9)}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 88], \left\{ -\frac{4(-1+T)^2}{T}, -\frac{4(-1+T)^4(-2+3T-8T^2+T^3)}{T^3} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 89], \left\{ \frac{4(-1+T)^2(1-T+T^2)}{T^2}, \frac{2(-1+T)^4(15-14T+12T^2+8T^3-7T^4+10T^5)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 90], \right. \\
 & \quad \left. \left\{ \frac{(-1+\sqrt{T})^4(1+\sqrt{T})^4(1-T+T^2)}{T^{7/2}}, \frac{(-1+T)^4(-2+17T-70T^2+169T^3-270T^4+336T^5-326T^6+255T^7-148T^8+61T^9-16T^{10}+2T^{11})}{2T^8} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 91], \right. \\
 & \quad \left. \left\{ -\frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(1+T)^2(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)}{T^{7/2}}, \frac{(-1+T)^4(1+T)^2(5-22T+26T^2-24T^3+46T^4-40T^5+27T^6-12T^7+2T^8)}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 92], \left\{ -\frac{(-1+T)^2(1+T^2)^2}{T^3}, -\frac{2(-1+T)^2(1+T^2)(3-4T+3T^2)}{T^3} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 93], \right. \\
 & \quad \left. \left\{ \frac{(-1+T)^2(1+T)^2(1+T^2)(1-T+T^2)}{T^4}, \frac{(-1+T)^2(1+T)^2(4-8T+12T^2-10T^3+3T^4+4T^5-8T^6+4T^7+3T^8-10T^9+12T^{10}-8T^{11}+4T^{12})}{T^8} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 94], \left\{ 0, \frac{2(-1+T)^2(1+T)^2(1-T+T^2)^2}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 95], \left\{ -\frac{(-1+T)^2(3-2T+3T^2)}{T^2}, \frac{2(-1+T)^2(5-17T+24T^2-28T^3+24T^4-17T^5+5T^6)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 96], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-T+2T^2)}{T^{5/2}}, -\frac{(-1+T)^4(14-48T+65T^2-86T^3+65T^4-48T^5+14T^6)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 97], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3}{T^{3/2}}, \frac{(-1+T)^4(5-2T+5T^2)}{2T^3} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 98], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2+T+2T^2)}{T^{5/2}}, -\frac{(-1+T)^4(2-7T^2+18T^3-7T^4+2T^6)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 99], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-4T+T^2)}{T^{5/2}}, \frac{(-1+T)^4(1-10T+25T^2-16T^3+25T^4-10T^5+T^6)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 100], \left\{ -\frac{(-1+\sqrt{T})^5(1+\sqrt{T})^5}{T^{5/2}}, -\frac{(-1+T)^6(1+T^2)(1-4T+T^2)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 101], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+T^2)}{T^{5/2}}, -\frac{(-1+T)^4(3-6T-T^2-8T^3-T^4-6T^5+3T^6)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 102], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+4T+T^2)}{T^{5/2}}, \frac{(-1+T)^4(5+30T+21T^2-96T^3+21T^4+30T^5+5T^6)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 103], \left\{ -\frac{(-1+\sqrt{T})^5(1+\sqrt{T})^5}{T^{5/2}}, \frac{3(-1+T)^6(1+T^2)(1-4T+T^2)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 104], \left\{ 0, -2(-1+T)^4T(1+T)^2 \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 105], \left\{ -2(-1+\sqrt{T})^3(1+\sqrt{T})^3\sqrt{T}, \frac{(-1+T)^4(2-4T-2T^2+7T^3-6T^4+7T^5)}{T^2} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 106], \right. \\
 & \quad \left. \left\{ \frac{(-1+\sqrt{T})^5(1+\sqrt{T})^5(1-\sqrt{T}+T)(1+\sqrt{T}+T)}{T^{3/2}}, \frac{(-1+T)^6(1-4T+T^2+4T^3+8T^4+2T^5+3T^6-8T^7+5T^8)}{2T^3} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 107], \left\{ 0, 0 \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 108], \left\{ -\frac{(-1+T)^3(1+T^4)}{T^2}, \frac{(-1+T)^4(1-2T-T^2-T^3-3T^4-T^5-T^6-T^7-T^8-5T^9+3T^{10})}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 109], \left\{ \frac{(-1+T)^5}{T}, -\frac{(-1+T)^6(-1+T-T^2+2T^4-T^5+4T^6)}{T^5} \right\} \right\} \\
 & \left\{ \text{Link}[10, \text{NonAlternating}, 110], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-4T+T^2)}{T^{5/2}}, -\frac{(-1+T)^4(1-14T+53T^2-72T^3+53T^4-14T^5+T^6)}{2T^5} \right\} \right\}
 \end{aligned}$$

$$\left\{ \text{Link}[10, \text{NonAlternating}, 111], \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1+T)^2}{T^{5/2}}, -\frac{(-1+T)^4 (1+T)^2 (1-8T+6T^2-8T^3+T^4)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{NonAlternating}, 112], \left\{ -\frac{3(-1+T)^4}{T^2}, -\frac{4(-1+T)^6 (3-7T+3T^2)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[10, \text{NonAlternating}, 113], \left\{ \frac{(-1+T)^4}{T^2}, \frac{4(-1+T)^6}{T^3} \right\} \right\}$$

In[*]:= `ρLink/@AllLinks[{11, 11}] // Column`

Get: ParentDirectory[File] in \$Path is not a string.

KnotTheory: Loading precomputed data in PD4Links`.

Out[*]=

$$\left\{ \text{Link}[11, \text{Alternating}, 1], \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-5T+7T^2-5T^3+T^4)}{T^{5/2}}, \frac{(-1+T)^2 (7-64T+231T^2-422T^3+342T^4+260T^5-1220T^6+1908T^7-1834T^8+1172T^9-505T^{10}+144T^{11}-25T^{12}+2T^{13})}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 2], \left\{ -\frac{(-1+T)^3 (1-5T+9T^2-5T^3+T^4)}{T^4}, -\frac{(-1+T)^2 (-2+25T-140T^2+461T^3-992T^4+1481T^5-1624T^6+1401T^7-982T^8+548T^9-230T^{10}+67T^{11}-12T^{12}+T^{13})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 3], \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-5T+7T^2-5T^3+T^4)}{T^{9/2}}, -\frac{(-1+T)^2 (-1+8T-29T^2+66T^3-100T^4+90T^5+58T^6-354T^7+638T^8-708T^9+545T^{10}-294T^{11}+105T^{12}-22T^{13}+2T^{14})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 4], \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (2-4T+5T^2-4T^3+2T^4)}{T^{5/2}}, \frac{(-1+T)^2 (-26+216T-830T^2+2042T^3-3679T^4+5170T^5-5852T^6+5388T^7-4007T^8+2342T^9-1024T^{10}+306T^{11}-54T^{12}+4T^{13})}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 5], \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (3-5T+3T^2)}{T^{3/2}}, \frac{(-1+T)^2 (6-125T+786T^2-2481T^3+4756T^4-6036T^5+5222T^6-3055T^7+1150T^8-251T^9+24T^{10})}{2T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 6], \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (2-4T+5T^2-4T^3+2T^4)}{T^{5/2}}, \frac{(-1+T)^2 (4-50T+290T^2-990T^3+2310T^4-4051T^5+5622T^6-6338T^7+5840T^8-4359T^9+2560T^{10}-1122T^{11}+334T^{12}-58T^{13}+4T^{14})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 7], \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (2-3T+3T^2-3T^3+2T^4)}{T^{5/2}}, \frac{(-1+T)^2 (-22+172T-589T^2+1266T^3-2053T^4+2742T^5-3098T^6+2968T^7-2407T^8+1598T^9-803T^{10}+270T^{11}-52T^{12}+4T^{13})}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 8], \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-5T+9T^2-5T^3+T^4)}{T^{7/2}}, \frac{(-1+T)^2 (1-14T+95T^2-392T^3+1048T^4-1870T^5+2260T^6-1870T^7+1048T^8-392T^9+95T^{10}-14T^{11}+T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 9], \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (4-7T+4T^2)}{T^{3/2}}, \frac{(-1+T)^2 (8-134T+818T^2-2573T^3+4876T^4-6016T^5+4966T^6-2721T^7+944T^8-188T^9+16T^{10})}{2T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 10], \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (4-7T+4T^2)}{T^{3/2}}, \frac{(-1+T)^2 (-72+646T-2393T^2+4946T^3-6390T^4+5374T^5-2941T^6+1006T^7-196T^8+16T^9)}{2T^3} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 11], \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-5T+9T^2-5T^3+T^4)}{T^{5/2}}, -\frac{(-1+T)^2 (-1+10T-63T^2+286T^3-898T^4+1934T^5-2920T^6+3146T^7-2420T^8+1338T^9-531T^{10}+146T^{11}-25T^{12}+2T^{13})}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 12], \left\{ \frac{(-1+T)^3 (1-5T+7T^2-5T^3+T^4)}{T^2}, \right. \right. \\ \left. \left. - \frac{(-1+T)^2 (2-20T+100T^2-345T^3+864T^4-1618T^5+2352T^6-2722T^7+2516T^8-1810T^9+971T^{10}-367T^{11}+92T^{12}-14T^{13}+T^{14})}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 13], \left\{ \frac{(-1+T)^3 (1-5T+7T^2-5T^3+T^4)}{T^2}, \frac{(-1+T)^2 (1-12T+56T^2-139T^3+223T^4-244T^5+167T^6-49T^7-22T^8+24T^9-8T^{10}+T^{11})}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 14], \left\{ -\frac{(-1+T)^3 (2-4T+5T^2-4T^3+2T^4)}{T^3}, \right. \right. \\ \left. \left. - \frac{(-1+T)^2 (-13+102T-378T^2+896T^3-1559T^4+2129T^5-2359T^6+2143T^7-1586T^8+928T^9-407T^{10}+123T^{11}-23T^{12}+2T^{13})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 15], \left\{ -\frac{(-1+T)^3 (3-5T+3T^2)}{T^2}, \frac{(-1+T)^2 (6-75T+392T^2-1144T^3+2099T^4-2580T^5+2178T^6-1260T^7+482T^8-112T^9+12T^{10})}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 16], \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-T+T^2-T^3+T^4-T^5+T^6)}{T^{9/2}}, \right. \right. \\ \left. \left. - \frac{(-1+T)^2 (5-30T+83T^2-144T^3+196T^4-232T^5+252T^6-258T^7+260T^8-258T^9+252T^{10}-232T^{11}+196T^{12}-144T^{13}+83T^{14}-30T^{15}+5T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 17], \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (2-3T+3T^2-3T^3+2T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. - \frac{(-1+T)^2 (14-96T+313T^2-634T^3+945T^4-1154T^5+1228T^6-1154T^7+945T^8-634T^9+313T^{10}-96T^{11}+14T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 18], \left\{ \frac{(-1+T)^7}{T^3}, -\frac{(-1+T)^6 (-1+2T+T^2+3T^3-21T^4+21T^5-8T^6+T^7)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 19], \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-4T+4T^2-4T^3+T^4)}{T^{5/2}}, \right. \right. \\ \left. \left. - \frac{(-1+T)^2 (2-17T+50T^2-54T^3-26T^4+195T^5-438T^6+698T^7-858T^8+775T^9-488T^{10}+188T^{11}-38T^{12}+3T^{13})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 20], \left\{ -\frac{(-1+T)^7}{T^3}, \frac{(-1+T)^6 (1-7T+22T^2-37T^3+33T^4-17T^5+3T^6)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 21], \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1+T^2) (2-3T+2T^2)}{T^{7/2}}, \right. \right. \\ \left. \left. - \frac{(-1+T)^2 (4-48T+242T^2-713T^3+1490T^4-2408T^5+3174T^6-3498T^7+3256T^8-2532T^9+1608T^{10}-793T^{11}+278T^{12}-56T^{13}+4T^{14})}{2T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 22], \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (3-4T+3T^2)}{T^{5/2}}, \frac{(-1+T)^2 (24-225T+936T^2-2296T^3+3810T^4-4532T^5+3936T^6-2440T^7+1014T^8-243T^9+24T^{10})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 23], \left\{ \frac{(-1+T) (6-15T+20T^2-15T^3+6T^4)}{T^3}, -\frac{(-1+T)^2 (24-219T+771T^2-1649T^3+2475T^4-2761T^5+2332T^6-1459T^7+632T^8-159T^9+12T^{10})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 24], \left\{ -\frac{(-1+\sqrt{T}) (1+\sqrt{T}) (4-17T+24T^2-17T^3+4T^4)}{T^{5/2}}, \frac{(-1+T)^2 (76-596T+1895T^2-3348T^3+3746T^4-2742T^5+1219T^6-238T^7-14T^8+8T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 25], \left\{ -\frac{(-1+\sqrt{T}) (1+\sqrt{T}) (1+T^2) (1-7T+11T^2-7T^3+T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. - \frac{(-1+T)^2 (1-24T+157T^2-424T^3+738T^4-1004T^5+1166T^6-1198T^7+1016T^8-670T^9+305T^{10}-76T^{11}+7T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 26], \left\{ -\frac{(-1+T) (2-13T+20T^2-13T^3+2T^4)}{T^4}, \frac{(-1+T) (-2+32T-226T^2+900T^3-2163T^4+3372T^5-3599T^6+2665T^7-1346T^8+446T^9-91T^{10}+8T^{11})}{T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 27], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(3-15T+22T^2-15T^3+3T^4)}{T^{9/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)(6-33T-51T^2+657T^3-1681T^4+2156T^5-1520T^6+397T^7+345T^8-443T^9+233T^{10}-60T^{11}+6T^{12})}{2T^{10}} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 28], \right. \\ \left. \left\{ \frac{(-1+\sqrt{T})^5(1+\sqrt{T})^5(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)}{T^{9/2}}, \frac{(-1+T)^4(1-3T+T^2)(-1+7T-14T^2-9T^3+60T^4-63T^5+36T^6-15T^7+3T^8)}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 29], \right. \\ \left. \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(5-8T+5T^2)}{T^{5/2}}, \frac{(-1+T)^2(20-231T+1124T^2-3048T^3+5370T^4-6582T^5+5724T^6-3436T^7+1318T^8-271T^9+20T^{10})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 30], \right. \\ \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(3-15T+26T^2-15T^3+3T^4)}{T^{5/2}}, \frac{(-1+T)^2(21-194T+707T^2-1310T^3+1300T^4-618T^5+35T^6+104T^7-45T^8+6T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 31], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-7T+10T^2-10T^3+10T^4-7T^5+T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2(1-24T+153T^2-366T^3+538T^4-634T^5+700T^6-754T^7+696T^8-520T^9+271T^{10}-74T^{11}+7T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 32], \right. \\ \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-15T+24T^2-15T^3+2T^4)}{T^{5/2}}, -\frac{(-1+T)^2(-2-8T+197T^2-690T^3+1228T^4-1310T^5+785T^6-228T^7+22T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 33], \left\{ \frac{(-1+T)(3-5T+6T^2-6T^3+6T^4-5T^5+3T^6)}{T^4}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(27-83T+155T^2-226T^3+281T^4-315T^5+322T^6-307T^7+270T^8-214T^9+143T^{10}-72T^{11}+19T^{12}+3T^{13})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 34], \right. \\ \left. \left\{ \frac{(-1+T)(6-13T+16T^2-13T^3+6T^4)}{T^3}, \frac{(-1+T)^2(81-314T+651T^2-946T^3+1040T^4-885T^5+564T^6-237T^7+37T^8+12T^9)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 35], \right. \\ \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)(3-4T+3T^2)}{T^{5/2}}, \frac{(-1+T)^2(1-3T+T^2)(3-T+T^2+22T^3-91T^4+95T^5-41T^6+6T^7)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 36], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(5-11T+14T^2-11T^3+5T^4)}{T^{5/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)(-50+357T-1229T^2+2711T^3-4333T^4+5328T^5-5196T^6+3997T^7-2325T^8+935T^9-209T^{10}+10T^{11})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 37], \right. \\ \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(7-12T+7T^2)}{T^{3/2}}, -\frac{(-1+T)(-196+1123T-2913T^2+4422T^3-4256T^4+2557T^5-853T^6+112T^7)}{2T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 38], \left\{ -\frac{(-1+\sqrt{T})^7(1+\sqrt{T})^7}{T^{7/2}}, -\frac{(-1+T)^6(-2+7T-2T^2-18T^3+20T^4+8T^5-18T^6+14T^7-6T^8+T^9)}{2T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 39], \right. \\ \left. \left\{ -\frac{(-1+T)^3(3-8T+3T^2)}{T^3}, \frac{(-1+T)^2(-3+32T-119T^2+181T^3-20T^4-340T^5+559T^6-424T^7+170T^8-35T^9+3T^{10})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 40], \left\{ \frac{(-1+\sqrt{T})^7(1+\sqrt{T})^7}{T^{7/2}}, -\frac{(-1+T)^6(-2+9T-22T^2+38T^3-60T^4+84T^5-94T^6+62T^7-22T^8+3T^9)}{2T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 41], \right. \\ \left. \left\{ -\frac{(-1+\sqrt{T})^5(1+\sqrt{T})^5(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)}{T^{7/2}}, \frac{(-1+T)^4(1-3T+T^2)(1-11T+42T^2-75T^3+66T^4-33T^5+8T^6-3T^7+T^8)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 42], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-4T+4T^2-4T^3+T^4)}{T^{5/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(-2+17T-66T^2+170T^3-308T^4+369T^5-294T^6+182T^7-130T^8+129T^9-84T^{10}+32T^{11}-8T^{12}+T^{13})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 43], \right. \\ \left. \left\{ -\frac{2(-1+\sqrt{T})^3(1+\sqrt{T})^3(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)}{T^{3/2}}, -\frac{(-1+T)^2(1-3T+T^2)(8-43T+115T^2-205T^3+228T^4-145T^5+61T^6-17T^7+2T^8)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 44], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-4T+8T^2-4T^3+T^4)}{T^{5/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2(2-19T+84T^2-230T^3+450T^4-683T^5+778T^6-522T^7+34T^8+225T^9-186T^{10}+72T^{11}-14T^{12}+T^{13})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 45], \right. \\ \left. \left\{ -\frac{2(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+T^2)^2}{T^{7/2}}, \frac{(-1+T)^2(1-T+T^2)^2(3-4T+3T^2)(1-4T+8T^2-12T^3+8T^4-4T^5+T^6)}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 46], \right. \\ \left. \left\{ -\frac{(-1+\sqrt{T})^5(1+\sqrt{T})^5(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)}{T^{7/2}}, \frac{(-1+T)^4(1-3T+T^2)(1-9T+30T^2-43T^3+38T^4-43T^5+30T^6-9T^7+T^8)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 47], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+T^2)(2-3T+2T^2)}{T^{5/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(-10+70T-251T^2+660T^3-1330T^4+2044T^5-2446T^6+2300T^7-1712T^8+1002T^9-463T^{10}+160T^{11}-36T^{12}+4T^{13})}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 48], \right. \\ \left. \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-4T+T^2)(1-T+T^2)}{T^{7/2}}, -\frac{(-1+T)^2(1-2T-2T^3+T^4)(1-12T+59T^2-142T^3+184T^4-142T^5+59T^6-12T^7+T^8)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 49], \right. \\ \left. \left\{ \frac{(-1+\sqrt{T})^5(1+\sqrt{T})^5(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)}{T^{7/2}}, -\frac{(-1+T)^4(1-3T+T^2)(1-9T+30T^2-51T^3+54T^4-51T^5+30T^6-9T^7+T^8)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 50], \right. \\ \left. \left\{ -\frac{2(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-3T+2T^2)}{T^{3/2}}, \frac{(-1+T)^2(-48+320T-941T^2+1668T^3-2014T^4+1716T^5-1017T^6+388T^7-84T^8+8T^9)}{T^3} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 51], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+T^2)(1-T+T^2-T^3+T^4)}{T^{9/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2(1-6T+19T^2-44T^3+77T^4-100T^5+115T^6-118T^7+120T^8-118T^9+115T^{10}-100T^{11}+77T^{12}-44T^{13}+19T^{14}-6T^{15}+T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 52], \left\{ -\frac{2(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+T^2-T^3+T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2(5-30T+77T^2-120T^3+140T^4-134T^5+128T^6-134T^7+140T^8-120T^9+77T^{10}-30T^{11}+5T^{12})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 53], \right. \\ \left. \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+T^2)(2-3T+2T^2)}{T^{7/2}}, \frac{(-1+T)^2(2-16T+47T^2-64T^3+8T^4+92T^5-146T^6+92T^7+8T^8-64T^9+47T^{10}-16T^{11}+2T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 54], \right. \\ \left. \left\{ -\frac{2(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-3T+2T^2)}{T^{5/2}}, -\frac{(-1+T)^2(8-52T+149T^2-248T^3+290T^4-248T^5+149T^6-52T^7+8T^8)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 55], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-4T+7T^2-4T^3+T^4)}{T^{9/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2(1-10T+42T^2-72T^3-52T^4+488T^5-1052T^6+1288T^7-1084T^8+680T^9-318T^{10}+104T^{11}-21T^{12}+2T^{13})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 56], \left\{ \frac{(-1 + \sqrt{T})^3 (1 + \sqrt{T})^3 (2 - 2T + 3T^2 - 2T^3 + 2T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1 + T)^2 (4 - 46T + 218T^2 - 596T^3 + 1168T^4 - 1791T^5 + 2284T^6 - 2490T^7 + 2348T^8 - 1885T^9 + 1264T^{10} - 674T^{11} + 262T^{12} - 58T^{13} + 4T^{14})}{2T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 57], \left\{ \frac{(-1 + T)^3 (1 - 3T + T^2) (1 - T + T^2)}{T^3}, - \frac{(-1 + T)^2 (1 - 3T + T^2) (-1 + 4T - 4T^2 + T^3 - 14T^4 + 39T^5 - 49T^6 + 30T^7 - 9T^8 + T^9)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 58], \left\{ - \frac{(-1 + \sqrt{T}) (1 + \sqrt{T}) (1 - 6T + 15T^2 - 22T^3 + 15T^4 - 6T^5 + T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. - \frac{(-1 + T)^2 (-3 + 30T - 144T^2 + 440T^3 - 917T^4 + 1334T^5 - 1334T^6 + 886T^7 - 369T^8 + 76T^9 + 4T^{10} - 6T^{11} + T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 59], \left\{ \frac{(-1 + \sqrt{T}) (1 + \sqrt{T}) (1 - 6T + 13T^2 - 14T^3 + 13T^4 - 6T^5 + T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. - \frac{(-1 + T)^2 (-1 + 6T - 12T^2 + 12T^3 - 33T^4 + 86T^5 - 50T^6 - 146T^7 + 283T^8 - 248T^9 + 120T^{10} - 30T^{11} + 3T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 60], \left\{ \frac{2(-1 + \sqrt{T}) (1 + \sqrt{T}) (-1 - \sqrt{T} + T)^2 (-1 + \sqrt{T} + T)^2}{T^{7/2}}, \frac{(-2 + T) (-1 + T) (1 - 3T + T^2)^2 (1 - 7T + 23T^2 - 37T^3 + 31T^4 - 11T^5 + 2T^6)}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 61], \left\{ \frac{2(-1 + \sqrt{T}) (1 + \sqrt{T}) (3 - 7T + 9T^2 - 7T^3 + 3T^4)}{T^{5/2}}, \right. \right. \\ \left. \left. - \frac{(-1 + T) (-30 + 235T - 847T^2 + 1921T^3 - 3133T^4 + 3911T^5 - 3839T^6 + 2945T^7 - 1695T^8 + 667T^9 - 143T^{10} + 6T^{11})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 62], \left\{ - \frac{(-1 + T) (3 - 16T + 24T^2 - 16T^3 + 3T^4)}{T^2}, \frac{(-1 + T) (3 - 31T + 122T^2 - 238T^3 + 266T^4 - 174T^5 + 33T^6 + 86T^7 - 82T^8 - 19T^9 + 60T^{10} - 25T^{11} + 3T^{12})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 63], \left\{ - \frac{(-1 + T)^3 (1 - 3T + T^2) (1 - T + T^2)}{T^5}, \right. \right. \\ \left. \left. - \frac{(-1 + T)^2 (2 - 23T + 108T^2 - 284T^3 + 492T^4 - 643T^5 + 711T^6 - 724T^7 + 664T^8 - 509T^9 + 305T^{10} - 138T^{11} + 46T^{12} - 10T^{13} + T^{14})}{T^{10}} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 64], \left\{ \frac{(-1 + \sqrt{T})^3 (1 + \sqrt{T})^3 (2 - 2T + 3T^2 - 2T^3 + 2T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1 + T)^2 (4 - 46T + 210T^2 - 544T^3 + 1020T^4 - 1517T^5 + 1898T^6 - 2052T^7 + 1944T^8 - 1587T^9 + 1090T^{10} - 596T^{11} + 238T^{12} - 54T^{13} + 4T^{14})}{2T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 65], \left\{ \frac{(-1 + \sqrt{T})^3 (1 + \sqrt{T})^3 (4 - 5T + 4T^2)}{T^{5/2}}, \frac{(-1 + T)^2 (16 - 172T + 790T^2 - 2021T^3 + 3420T^4 - 4116T^5 + 3608T^6 - 2243T^7 + 918T^8 - 204T^9 + 16T^{10})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 66], \left\{ - \frac{(-1 + T)^3 (1 - 4T + 3T^2 - 4T^3 + T^4)}{T^5}, - \frac{(-1 + T)^2 (1 - 13T + 61T^2 - 133T^3 + 138T^4 - 37T^5 - 109T^6 + 185T^7 - 173T^8 + 118T^9 - 68T^{10} + 32T^{11} - 9T^{12} + T^{13})}{T^{10}} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 67], \left\{ - \frac{(-1 + \sqrt{T}) (1 + \sqrt{T}) (-1 - \sqrt{T} + T) (-1 + \sqrt{T} + T) (1 - 4T + 8T^2 - 4T^3 + T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. - \frac{(-1 + T)^2 (1 - 3T + T^2) (-1 + 5T - 17T^2 + 26T^3 + 12T^4 - 118T^5 + 212T^6 - 182T^7 + 91T^8 - 25T^9 + 3T^{10})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 68], \left\{ \frac{(-1 + \sqrt{T})^3 (1 + \sqrt{T})^3 (4 - 5T + 4T^2)}{T^{5/2}}, \frac{(-1 + T)^2 (-32 + 248T - 783T^2 + 1530T^3 - 2068T^4 + 1998T^5 - 1331T^6 + 564T^7 - 122T^8 + 8T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 69], \left\{ - \frac{(-1 + \sqrt{T})^3 (1 + \sqrt{T})^3 (1 - 4T + 7T^2 - 4T^3 + T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. - \frac{(-1 + T)^2 (-2 + 17T - 56T^2 + 66T^3 + 104T^4 - 496T^5 + 828T^6 - 762T^7 + 384T^8 - 52T^9 - 56T^{10} + 38T^{11} - 10T^{12} + T^{13})}{2T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 70], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)(1-4T+4T^2-4T^3+T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(5-64T+347T^2-1060T^3+2087T^4-2948T^5+3184T^6-2676T^7+1715T^8-748T^9+191T^{10}-24T^{11}+T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 71], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-7T+13T^2-16T^3+13T^4-7T^5+T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2(1-24T+159T^2-464T^3+897T^4-1318T^5+1580T^6-1594T^7+1287T^8-786T^9+331T^{10}-78T^{11}+7T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 72], \left\{ \frac{(-1+T)(3-5T+7T^2-8T^3+7T^4-5T^5+3T^6)}{T^4}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(27-83T+169T^2-274T^3+370T^4-435T^5+454T^6-427T^7+358T^8-259T^9+154T^{10}-71T^{11}+19T^{12}+3T^{13})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 73], \right. \\ \left. \left\{ \frac{2(-1+T)(3-6T+7T^2-6T^3+3T^4)}{T^3}, \frac{(-1+T)^2(81-292T+566T^2-782T^3+841T^4-726T^5+488T^6-222T^7+39T^8+12T^9)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 74], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(3-14T+24T^2-14T^3+3T^4)}{T^{5/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)(6-67T+333T^2-980T^3+1824T^4-2068T^5+1236T^6-114T^7-326T^8+209T^9-55T^{10}+6T^{11})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 75], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(5-8T+8T^2-8T^3+5T^4)}{T^{5/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)(-50+317T-885T^2+1560T^3-2122T^4+2424T^5-2362T^6+1970T^7-1384T^8+721T^9-203T^{10}+10T^{11})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 76], \right. \\ \left. \left\{ \frac{2(-1+\sqrt{T})(1+\sqrt{T})(5-9T+5T^2)}{T^{3/2}}, -\frac{(-1+T)(-100+639T-1765T^2+2727T^3-2531T^4+1363T^5-355T^6+20T^7)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 77], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)(1-T+T^2)}{T^{7/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2(1-3T+T^2)(-1+7T-16T^2-T^3+67T^4-128T^5+127T^6-75T^7+32T^8-9T^9+T^{10})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 78], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-4T+7T^2-4T^3+T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2(1-14T+90T^2-346T^3+884T^4-1598T^5+2094T^6-1996T^7+1354T^8-636T^9+196T^{10}-36T^{11}+3T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 79], \right. \\ \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(3-18T+28T^2-18T^3+3T^4)}{T^{5/2}}, -\frac{(-1+T)^2(6-69T+286T^2-528T^3+434T^4+136T^5-682T^6+608T^7-220T^8+27T^9)}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 80], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-6T+17T^2-22T^3+17T^4-6T^5+T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2(-1+8T-38T^2+116T^3-241T^4+310T^5-114T^6-322T^7+543T^8-398T^9+158T^{10}-34T^{11}+3T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 81], \right. \\ \left. \left\{ \frac{(-1+T)(7-18T+24T^2-18T^3+7T^4)}{T^3}, \frac{(-1+T)^2(111-514T+1218T^2-1897T^3+2127T^4-1760T^5+1032T^6-373T^7+47T^8+14T^9)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 82], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(3-16T+28T^2-16T^3+3T^4)}{T^{5/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)(6-59T+245T^2-514T^3+478T^4+96T^5-708T^6+844T^7-576T^8+245T^9-59T^{10}+6T^{11})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 83], \right. \\ \left. \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(4-5T+4T^2)}{T^{5/2}}, \frac{(-1+T)^2(-56+406T-1279T^2+2464T^3-3212T^4+2932T^5-1827T^6+722T^7-146T^8+8T^9)}{2T^5} \right\} \right\}$$

$$\begin{aligned}
& \left\{ \text{Link}[11, \text{Alternating}, 84], \right. \\
& \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(3-14T+20T^2-14T^3+3T^4)}{T^{5/2}}, -\frac{(-1+T)^2(6-73T+336T^2-828T^3+1290T^4-1272T^5+720T^6-200T^7+12T^8+3T^9)}{2T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 85], \left\{ -\frac{(-1+T)(1-6T+9T^2-10T^3+9T^4-6T^5+T^6)}{T^4}, \right. \right. \\
& \left. \left. \frac{(-1+T)^2(3-33T+133T^2-284T^3+436T^4-543T^5+569T^6-515T^7+398T^8-246T^9+103T^{10}-19T^{11}+T^{12})}{T^8} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 86], \right. \\
& \left. \left\{ -\frac{2(-1+T)(1-6T+9T^2-6T^3+T^4)}{T^2}, -\frac{(-1+T)(-8+97T-493T^2+1434T^3-2730T^4+3611T^5-3397T^6+2226T^7-954T^8+241T^9-33T^{10}+2T^{11})}{T^5} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 87], \left\{ -\frac{(-1+T)(1-7T+17T^2-24T^3+17T^4-7T^5+T^6)}{T^4}, \right. \right. \\
& \left. \left. -\frac{(-1+T)^2(-1+13T-72T^2+242T^3-560T^4+910T^5-1051T^6+854T^7-479T^8+177T^9-40T^{10}+4T^{11})}{T^8} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 88], \right. \\
& \left. \left\{ -\frac{2(-1+\sqrt{T})(1+\sqrt{T})(1-6T+9T^2-6T^3+T^4)}{T^{5/2}}, -\frac{(-1+T)^2(2-29T+152T^2-394T^3+614T^4-571T^5+268T^6-34T^7-14T^8+3T^9)}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 89], \right. \\
& \left. \left\{ -\frac{(-1+T)(3-14T+20T^2-14T^3+3T^4)}{T^2}, \frac{(-1+T)(9-90T+385T^2-944T^3+1528T^4-1765T^5+1522T^6-937T^7+343T^8-36T^9-14T^{10}+3T^{11})}{T^5} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 90], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-4T+3T^2-4T^3+T^4)}{T^{5/2}}, \right. \right. \\
& \left. \left. -\frac{(-1+T)^2(2-13T+20T^2+36T^3-204T^4+464T^5-720T^6+900T^7-962T^8+800T^9-494T^{10}+196T^{11}-40T^{12}+3T^{13})}{2T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 91], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-4T+7T^2-4T^3+T^4)}{T^{5/2}}, \right. \right. \\
& \left. \left. -\frac{(-1+T)^2(-1+10T-52T^2+162T^3-314T^4+372T^5-224T^6-22T^7+162T^8-134T^9+56T^{10}-12T^{11}+T^{12})}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 92], \left\{ -\frac{2(-1+\sqrt{T})(1+\sqrt{T})(2-8T+11T^2-8T^3+2T^4)}{T^{5/2}}, \right. \right. \\
& \left. \left. \frac{(-1+T)(8-90T+430T^2-1164T^3+2028T^4-2445T^5+2123T^6-1304T^7+506T^8-84T^9-10T^{10}+4T^{11})}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 93], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-4T+3T^2-4T^3+T^4)}{T^{5/2}}, \right. \right. \\
& \left. \left. -\frac{(-1+T)^2(2-13T+16T^2+60T^3-246T^4+486T^5-708T^6+864T^7-922T^8+788T^9-500T^{10}+198T^{11}-40T^{12}+3T^{13})}{2T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 94], \right. \\
& \left. \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-7T+2T^2)}{T^{3/2}}, \frac{(-1+T)^2(-12+108T-380T^2+697T^3-752T^4+484T^5-180T^6+75T^7-34T^8+6T^9)}{2T^4} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 95], \right. \\
& \left. \left\{ \frac{(-1+T)^3(1-3T+T^2)(1-T+T^2)}{T^4}, -\frac{(-1+T)^2(-2+15T-46T^2+74T^3-55T^4-19T^5+101T^6-137T^7+122T^8-78T^9+35T^{10}-9T^{11}+T^{12})}{T^9} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 96], \right. \\
& \left. \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-7T+2T^2)}{T^{3/2}}, -\frac{(-1+T)^2(8-50T+82T^2+61T^3-408T^4+742T^5-748T^6+379T^7-84T^8+6T^9)}{2T^4} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 97], \right. \\
& \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(7-12T+7T^2)}{T^{5/2}}, \frac{(-1+T)^2(299-1518T+3911T^2-6518T^3+7670T^4-6518T^5+3911T^6-1518T^7+299T^8)}{2T^5} \right\} \right\}
\end{aligned}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 98], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(2-5T+8T^2-5T^3+2T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. - \frac{(-1+T)^2(2-20T+67T^2-118T^3+99T^4-2T^5-66T^6-2T^7+99T^8-118T^9+67T^{10}-20T^{11}+2T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 99], \right. \\ \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(4-13T+20T^2-13T^3+4T^4)}{T^{5/2}}, \frac{(-1+T)^2(16-80T+209T^2-336T^3+392T^4-336T^5+209T^6-80T^7+16T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 100], \left\{ - \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-\sqrt{T}+T)(1+\sqrt{T}+T)(1-T+T^2)^2}{T^{9/2}}, \right. \right. \\ \left. \left. - \frac{(-1+T)^2(1-T+T^2)^2(3-12T+24T^2-32T^3+28T^4-32T^5+30T^6-32T^7+28T^8-32T^9+24T^{10}-12T^{11}+3T^{12})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 101], \left\{ - \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+T^2)(2-T+2T^2)}{T^{7/2}}, \right. \right. \\ \left. \left. - \frac{(-1+T)^2(6-40T+139T^2-322T^3+541T^4-726T^5+792T^6-726T^7+541T^8-322T^9+139T^{10}-40T^{11}+6T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 102], \left\{ - \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+T^2)(2-T+2T^2)}{T^{7/2}}, \right. \right. \\ \left. \left. - \frac{(-1+T)^2(6-40T+147T^2-358T^3+629T^4-870T^5+960T^6-870T^7+629T^8-358T^9+147T^{10}-40T^{11}+6T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 103], \right. \\ \left. \left\{ - \frac{3(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+T^2)}{T^{5/2}}, \frac{(-1+T)^2(1-6T+59T^2-186T^3+252T^4-186T^5+59T^6-6T^7+T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 104], \left\{ - \frac{(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)(1-3T+6T^2-3T^3+T^4)}{T^{5/2}}, \right. \right. \\ \left. \left. - \frac{(-1+T)(1-3T+T^2)(1-12T+69T^2-217T^3+422T^4-509T^5+359T^6-138T^7+7T^8+17T^9-8T^{10}+T^{11})}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 105], \right. \\ \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T)^2(-1+\sqrt{T}+T)^2(1+T^2)}{T^{7/2}}, - \frac{(-1+T)^2(1-3T+T^2)^2(-1+3T^2+2T^3-6T^4-10T^5+15T^6-12T^7+3T^8)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 106], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-6T+14T^2-16T^3+14T^4-6T^5+T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. - \frac{(-1+T)^2(5-54T+264T^2-746T^3+1364T^4-1790T^5+1844T^6-1530T^7+1012T^8-466T^9+128T^{10}-18T^{11}+T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 107], \left\{ \frac{(-1+T)(3-4T+4T^2-4T^3+4T^4-4T^5+3T^6)}{T^4}, \right. \right. \\ \left. \left. - \frac{(-1+T)^2(27-66T+100T^2-126T^3+144T^4-154T^5+154T^6-147T^7+136T^8-118T^9+92T^{10}-58T^{11}+20T^{12}+3T^{13})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 108], \right. \\ \left. \left\{ \frac{(-1+T)(1+T^2)(6-11T+6T^2)}{T^3}, \frac{(-1+T)^2(81-264T+466T^2-608T^3+640T^4-557T^5+397T^6-201T^7+41T^8+12T^9)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 109], \right. \\ \left. \left\{ \frac{(-1+T)(6-13T+16T^2-13T^3+6T^4)}{T^3}, \frac{(-1+T)^2(81-314T+646T^2-911T^3+974T^4-817T^5+517T^6-212T^7+31T^8+12T^9)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 110], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+T^2)(1+T^4)}{T^{9/2}}, \right. \right. \\ \left. \left. - \frac{(-1+T)^2(7-28T+50T^2-72T^3+86T^4-100T^5+106T^6-112T^7+110T^8-112T^9+106T^{10}-100T^{11}+86T^{12}-72T^{13}+50T^{14}-28T^{15}+7T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 111], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-T+2T^2-T^3+2T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. - \frac{(-1+T)^2(22-108T+237T^2-372T^3+474T^4-540T^5+558T^6-540T^7+474T^8-372T^9+237T^{10}-108T^{11}+22T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 112], \left\{ \frac{2(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+T^2)(1-T+T^2)}{T^{7/2}}, \right. \right.$$

$$\left. \left. - \frac{(-1+T)^2(11-64T+183T^2-372T^3+583T^4-752T^5+814T^6-752T^7+583T^8-372T^9+183T^{10}-64T^{11}+11T^{12})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 113], \left\{ - \frac{(-1+T)(1-6T+14T^2-20T^3+14T^4-6T^5+T^6)}{T^4}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2(-1+11T-53T^2+156T^3-328T^4+532T^5-695T^6+719T^7-577T^8+344T^9-152T^{10}+48T^{11}-10T^{12}+T^{13})}{T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 114], \right.$$

$$\left\{ \frac{4(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+T^2)}{T^{5/2}}, - \frac{2(-1+T)^2(1+T^2)(16-92T+215T^2-280T^3+215T^4-92T^5+16T^6)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 115], \right.$$

$$\left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-11T+20T^2-11T^3+2T^4)}{T^{5/2}}, - \frac{(-1+T)^2(-14+132T-533T^2+1130T^3-1264T^4+682T^5-153T^6+4T^7+2T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 116], \left\{ \frac{(-1+T)(9-16T+9T^2)}{T^2}, \frac{(-1+T)^2(126-384T+482T^2-277T^3+33T^4+27T^5)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 117], \right.$$

$$\left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(3-2T+3T^2)}{T^{5/2}}, - \frac{(-1+T)^2(37-192T+432T^2-652T^3+734T^4-652T^5+432T^6-192T^7+37T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 118], \right.$$

$$\left\{ - \frac{(-1+T)(4-19T+28T^2-19T^3+4T^4)}{T^3}, \frac{(-1+T)^2(34-299T+1061T^2-2098T^3+2688T^4-2371T^5+1451T^6-611T^7+185T^8-39T^9+4T^{10})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 119], \right.$$

$$\left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(-2+T)(-1+2T)(1-4T+T^2)}{T^{5/2}}, \frac{(-1+T)^2(-4+68T-460T^2+1597T^3-3078T^4+3320T^5-1934T^6+571T^7-72T^8+2T^9)}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 120], \left\{ \frac{(-1+T)(11-20T+11T^2)}{T^2}, \frac{(-1+T)^2(186-583T+730T^2-399T^3+29T^4+44T^5)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 121], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-6T+14T^2-16T^3+14T^4-6T^5+T^6)}{T^{7/2}}, \right. \right.$$

$$\left. \left. - \frac{(-1+T)^2(-1+6T-12T^2+36T^4-80T^5+200T^6-406T^7+472T^8-332T^9+140T^{10}-32T^{11}+3T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 122], \right.$$

$$\left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-11T+20T^2-11T^3+2T^4)}{T^{5/2}}, \frac{(-1+T)^2(-4+60T-362T^2+1165T^3-2164T^4+2328T^5-1408T^6+471T^7-82T^8+6T^9)}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 123], \left\{ - \frac{(-1+T)(1-6T+8T^2-8T^3+8T^4-6T^5+T^6)}{T^4}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2(3-33T+128T^2-249T^3+349T^4-413T^5+425T^6-387T^7+317T^8-217T^9+100T^{10}-19T^{11}+T^{12})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 124], \right.$$

$$\left\{ - \frac{(-1+T)(2-13T+20T^2-13T^3+2T^4)}{T^3}, \frac{(-1+T)^2(9-104T+430T^2-863T^3+1003T^4-703T^5+272T^6-40T^7+T^8)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 125], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-T+2T^2-T^3+2T^4)}{T^{7/2}}, \right. \right.$$

$$\left. \left. - \frac{(-1+T)^2(22-108T+245T^2-392T^3+506T^4-584T^5+606T^6-584T^7+506T^8-392T^9+245T^{10}-108T^{11}+22T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 126], \right.$$

$$\left\{ \frac{4(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+T^2)}{T^{5/2}}, - \frac{2(-1+T)^2(16-92T+239T^2-396T^3+462T^4-396T^5+239T^6-92T^7+16T^8)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 127], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(4-17T+28T^2-17T^3+4T^4)}{T^{5/2}}, \frac{(-1+T)^2(28-236T+945T^2-2124T^3+2784T^4-2124T^5+945T^6-236T^7+28T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 128], \left\{ -\frac{(-1+T)(1-4T+T^2)(1-T+T^2)^2}{T^4}, -\frac{(-1+T)^2(1-T+T^2)(-1+8T-24T^2+47T^3-73T^4+73T^5-31T^6-7T^7+12T^8-6T^9+T^{10})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 129], \left\{ -\frac{(-1+T)(2-9T+12T^2-9T^3+2T^4)}{T^3}, \frac{(-1+T)^2(-2+30T-165T^2+462T^3-776T^4+865T^5-660T^6+327T^7-87T^8+9T^9)}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 130], \left\{ \frac{2(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+T^2)(1-T+T^2)}{T^{7/2}}, -\frac{(-1+T)^2(11-64T+187T^2-384T^3+607T^4-788T^5+854T^6-788T^7+607T^8-384T^9+187T^{10}-64T^{11}+11T^{12})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 131], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(3-2T+3T^2)}{T^{5/2}}, -\frac{(-1+T)^2(37-192T+456T^2-716T^3+814T^4-716T^5+456T^6-192T^7+37T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 132], \left\{ \frac{4(-1+\sqrt{T})^3(1+\sqrt{T})^3}{T^{3/2}}, -\frac{2(-1+T)^2(11-44T+62T^2-44T^3+11T^4)}{T^3} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 133], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(5-20T+28T^2-20T^3+5T^4)}{T^{5/2}}, -\frac{(-1+T)(119-1001T+3594T^2-7512T^3+10412T^4-10122T^5+6980T^6-3304T^7+987T^8-159T^9+10T^{10})}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 134], \left\{ \frac{(-1+T)(5-16T+24T^2-16T^3+5T^4)}{T^3}, -\frac{(-1+T)(22-147T+524T^2-1156T^3+1621T^4-1351T^5+441T^6+351T^7-534T^8+321T^9-103T^{10}+15T^{11})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 135], \left\{ \frac{2(-1+\sqrt{T})(1+\sqrt{T})(1-4T+8T^2-9T^3+8T^4-4T^5+T^6)}{T^{7/2}}, \frac{(-1+T)^2(7-52T+200T^2-484T^3+836T^4-1116T^5+1225T^6-1116T^7+836T^8-484T^9+200T^{10}-52T^{11}+7T^{12})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 136], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(3-12T+20T^2-12T^3+3T^4)}{T^{5/2}}, \frac{(-1+T)^2(19-136T+496T^2-1048T^3+1352T^4-1048T^5+496T^6-136T^7+19T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 137], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-7T+12T^2-12T^3+12T^4-7T^5+2T^6)}{T^{7/2}}, -\frac{(-1+T)^2(2-20T+71T^2-120T^3+76T^4+44T^5-112T^6+44T^7+76T^8-120T^9+71T^{10}-20T^{11}+2T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 138], \left\{ \frac{2(-1+\sqrt{T})(1+\sqrt{T})(2-8T+13T^2-8T^3+2T^4)}{T^{5/2}}, \frac{(-1+T)^2(8-56T+176T^2-320T^3+387T^4-320T^5+176T^6-56T^7+8T^8)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 139], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-7T+19T^2-25T^3+19T^4-7T^5+T^6)}{T^{7/2}}, -\frac{(-1+T)^2(1-14T+83T^2-268T^3+523T^4-686T^5+721T^6-686T^7+523T^8-268T^9+83T^{10}-14T^{11}+T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 140], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-1+3T-4T^2+T^3)(-1+4T-3T^2+T^3)}{T^{7/2}}, \frac{(-1+T)^2(1-14T+91T^2-364T^3+959T^4-1694T^5+2043T^6-1694T^7+959T^8-364T^9+91T^{10}-14T^{11}+T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 141], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+8T^2-13T^3+15T^4-13T^5+8T^6-4T^7+T^8)}{T^{9/2}}, -\frac{(-1+T)^2(3-24T+92T^2-238T^3+466T^4-716T^5+909T^6-976T^7+907T^8-752T^9+559T^{10}-370T^{11}+212T^{12}-98T^{13}+34T^{14}-8T^{15}+T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 142], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-8T+14T^2-17T^3+14T^4-8T^5+2T^6)}{T^{7/2}}, \right. \right.$$

$$\left. \left. -\frac{(-1+T)^2(-4+46T-236T^2+746T^3-1696T^4+2966T^5-4038T^6+4305T^7-3588T^8+2302T^9-1106T^{10}+384T^{11}-88T^{12}+10T^{13})}{2T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 143], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-9T+19T^2-23T^3+19T^4-9T^5+2T^6)}{T^{5/2}}, \right. \right.$$

$$\left. \left. -\frac{(-1+T)(4-16T-38T^2+473T^3-1815T^4+4337T^5-7537T^6+10157T^7-10929T^8+9433T^9-6453T^{10}+3399T^{11}-1315T^{12}+348T^{13}-56T^{14}+4T^{15})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 144], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(2-5T+5T^2-5T^3+2T^4)}{T^{5/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)(6-54T+239T^2-735T^3+1700T^4-2984T^5+4057T^6-4341T^7+3700T^8-2516T^9+1371T^{10}-595T^{11}+192T^{12}-40T^{13}+4T^{14})}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 145], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-7T+12T^2-13T^3+12T^4-7T^5+2T^6)}{T^{7/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2(14-96T+317T^2-652T^3+988T^4-1216T^5+1299T^6-1216T^7+988T^8-652T^9+317T^{10}-96T^{11}+14T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 146], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-3T+5T^2-8T^3+9T^4-8T^5+5T^6-3T^7+T^8)}{T^{9/2}}, \right. \right.$$

$$\left. \left. -\frac{(-1+T)^2(1-6T+19T^2-46T^3+85T^4-114T^5+136T^6-144T^7+145T^8-144T^9+136T^{10}-114T^{11}+85T^{12}-46T^{13}+19T^{14}-6T^{15}+T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 147], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-3T+5T^2-6T^3+7T^4-6T^5+5T^6-3T^7+T^8)}{T^{9/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2(5-30T+91T^2-182T^3+293T^4-402T^5+490T^6-540T^7+559T^8-540T^9+490T^{10}-402T^{11}+293T^{12}-182T^{13}+91T^{14}-30T^{15}+5T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 148], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-7T+11T^2-13T^3+11T^4-7T^5+2T^6)}{T^{7/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2(2-16T+47T^2-62T^3-5T^4+116T^5-171T^6+116T^7-5T^8-62T^9+47T^{10}-16T^{11}+2T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 149], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-7T+13T^2-15T^3+13T^4-7T^5+2T^6)}{T^{7/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2(14-96T+333T^2-738T^3+1207T^4-1568T^5+1705T^6-1568T^7+1207T^8-738T^9+333T^{10}-96T^{11}+14T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 150], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-10T+22T^2-29T^3+22T^4-10T^5+2T^6)}{T^{7/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2(6-56T+250T^2-732T^3+1526T^4-2340T^5+2693T^6-2340T^7+1526T^8-732T^9+250T^{10}-56T^{11}+6T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 151], \right.$$

$$\left\{ -\frac{(-1+T)(4-14T+19T^2-14T^3+4T^4)}{T^3}, -\frac{(-1+T)^2(8-96T+440T^2-1096T^3+1775T^4-2009T^5+1640T^6-936T^7+345T^8-66T^9+4T^{10})}{T^7} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 152], \right.$$

$$\left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(6-14T+19T^2-14T^3+6T^4)}{T^{5/2}}, \frac{(-1+T)^2(186-776T+1760T^2-2654T^3+2899T^4-2320T^5+1308T^6-434T^7+30T^8+36T^9)}{2T^5} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 153], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-3T+2T^2)(1-T+3T^2-T^3+T^4)}{T^{7/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2(-6+34T-117T^2+264T^3-447T^4+634T^5-755T^6+794T^7-677T^8+466T^9-243T^{10}+92T^{11}-24T^{12}+4T^{13})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 154], \left\{ \frac{(-1+T)(4-10T+15T^2-10T^3+4T^4)}{T^4}, \right. \right.$$

$$\left. \left. -\frac{(-1+T)(8-64T+264T^2-742T^3+1537T^4-2382T^5+2812T^6-2555T^7+1805T^8-983T^9+398T^{10}-108T^{11}+16T^{12})}{T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 155], \right.$$

$$\left\{ \frac{(-1+T)(2-13T+23T^2-13T^3+2T^4)}{T^4}, -\frac{(-1+T)(1-13T+54T^2-64T^3-123T^4+474T^5-716T^6+676T^7-407T^8+145T^9-27T^{10}+2T^{11})}{T^8} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 156], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-6T+12T^2-13T^3+12T^4-6T^5+T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. -\frac{(-1+T)^2(3-36T+170T^2-426T^3+680T^4-836T^5+883T^6-836T^7+680T^8-426T^9+170T^{10}-36T^{11}+3T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 157], \right. \\
 \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(3-15T+25T^2-15T^3+3T^4)}{T^{5/2}}, -\frac{(-1+T)^2(15-146T+563T^2-1152T^3+1433T^4-1152T^5+563T^6-146T^7+15T^8)}{2T^5} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 158], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-6T+14T^2-17T^3+14T^4-6T^5+T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. -\frac{(-1+T)^2(1-12T+54T^2-114T^3+94T^4+52T^5-151T^6+52T^7+94T^8-114T^9+54T^{10}-12T^{11}+T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 159], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-6T+16T^2-23T^3+16T^4-6T^5+T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. -\frac{(-1+T)(3-33T+172T^2-542T^3+1104T^4-1480T^5+1265T^6-579T^7-4T^8+190T^9-136T^{10}+52T^{11}-11T^{12}+T^{13})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 160], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-6T+14T^2-19T^3+14T^4-6T^5+T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(1-12T+66T^2-230T^3+554T^4-932T^5+1107T^6-932T^7+554T^8-230T^9+66T^{10}-12T^{11}+T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 161], \left\{ \frac{(-1+T)(1-6T+16T^2-21T^3+16T^4-6T^5+T^6)}{T^3}, \right. \right. \\
 \left. \left. -\frac{(-1+T)^2(-1+10T-47T^2+125T^3-197T^4+162T^5-4T^6-146T^7+144T^8-44T^9-23T^{10}+24T^{11}-8T^{12}+T^{13})}{T^6} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 162], \left\{ -\frac{(-1+T)(2-6T+8T^2-9T^3+8T^4-6T^5+2T^6)}{T^4}, \right. \right. \\
 \left. \left. -\frac{(-1+T)^2(2-27T+124T^2-314T^3+566T^4-802T^5+954T^6-979T^7+888T^8-696T^9+464T^{10}-250T^{11}+100T^{12}-23T^{13}+2T^{14})}{T^9} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 163], \left\{ \frac{3(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(1-T+T^2-T^3+T^4)}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(69-260T+610T^2-1038T^3+1467T^4-1770T^5+1887T^6-1770T^7+1467T^8-1038T^9+610T^{10}-260T^{11}+69T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 164], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(1-T+3T^2-3T^3+3T^4-T^5+T^6)}{T^{9/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(1-4T+14T^2-34T^3+65T^4-92T^5+119T^6-120T^7+129T^8-120T^9+119T^{10}-92T^{11}+65T^{12}-34T^{13}+14T^{14}-4T^{15}+T^{16})}{2T^9} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 165], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-4T+6T^2-5T^3+6T^4-4T^5+2T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(10-40T+88T^2-120T^3+134T^4-116T^5+115T^6-116T^7+134T^8-120T^9+88T^{10}-40T^{11}+10T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 166], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-6T+10T^2-9T^3+10T^4-6T^5+T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(3-36T+162T^2-366T^3+514T^4-580T^5+591T^6-580T^7+514T^8-366T^9+162T^{10}-36T^{11}+3T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 167], \right. \\
 \left. \left\{ -\frac{(-1+T)(1-T+T^2)^2(2-3T+2T^2)}{T^4}, -\frac{(-1+T)^2(1-T+T^2)^2(2-16T+54T^2-117T^3+188T^4-217T^5+183T^6-110T^7+49T^8-14T^9+2T^{10})}{T^9} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 168], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)^2(1-2T+T^2-2T^3+T^4)}{T^{9/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(1-T+T^2)^2(1-6T+17T^2-30T^3+32T^4-36T^5+47T^6-60T^7+70T^8-64T^9+43T^{10}-18T^{11}+3T^{12})}{2T^9} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 169], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(2-6T+7T^2-6T^3+2T^4)}{T^{7/2}}, \right. \right. \\
 \left. \left. -\frac{(-1+T)^2(4-46T+242T^2-806T^3+1920T^4-3461T^5+4904T^6-5553T^7+5048T^8-3653T^9+2058T^{10}-866T^{11}+254T^{12}-46T^{13}+4T^{14})}{2T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 170], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(1+\sqrt{T}-3T-T^{3/2}+T^2)(1-\sqrt{T}-3T+T^{3/2}+T^2)}{T^{5/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)(2-27T+165T^2-632T^3+1684T^4-3203T^5+4449T^6-4717T^7+4001T^8-2771T^9+1503T^{10}-580T^{11}+142T^{12}-19T^{13}+T^{14})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 171], \left\{ \frac{(-1+T)(2-10T+22T^2-27T^3+22T^4-10T^5+2T^6)}{T^4}, \right. \right.$$

$$\left. \left. \frac{(-1+T)(-7+67T-303T^2+836T^3-1572T^4+2146T^5-2207T^6+1723T^7-983T^8+336T^9+21T^{10}-104T^{11}+61T^{12}-17T^{13}+2T^{14})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 172], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-3T+6T^2-9T^3+9T^4-9T^5+6T^6-3T^7+T^8)}{T^{9/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2(3-18T+61T^2-146T^3+262T^4-392T^5+495T^6-564T^7+583T^8-564T^9+495T^{10}-392T^{11}+262T^{12}-146T^{13}+61T^{14}-18T^{15}+3T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 173], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+2T^2-2T^3+T^4)(1-2T+2T^2-T^3+T^4)}{T^{9/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2(1-6T+19T^2-46T^3+90T^4-136T^5+185T^6-212T^7+227T^8-212T^9+185T^{10}-136T^{11}+90T^{12}-46T^{13}+19T^{14}-6T^{15}+T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 174], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-6T+11T^2-15T^3+11T^4-6T^5+2T^6)}{T^{7/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2(6-36T+122T^2-280T^3+455T^4-602T^5+655T^6-602T^7+455T^8-280T^9+122T^{10}-36T^{11}+6T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 175], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-6T+9T^2-9T^3+9T^4-6T^5+2T^6)}{T^{7/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2(10-60T+158T^2-256T^3+315T^4-314T^5+311T^6-314T^7+315T^8-256T^9+158T^{10}-60T^{11}+10T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 176], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+9T^2-14T^3+17T^4-14T^5+9T^6-4T^7+T^8)}{T^{9/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2(1-8T+32T^2-88T^3+185T^4-304T^5+418T^6-492T^7+521T^8-492T^9+418T^{10}-304T^{11}+185T^{12}-88T^{13}+32T^{14}-8T^{15}+T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 177], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T^{3/2})(1-\sqrt{T}+T^{3/2})(1-T+T^{3/2})(-1+T+T^{3/2})(1-T+T^2)}{T^{9/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2(1-8T+32T^2-90T^3+193T^4-320T^5+443T^6-524T^7+553T^8-524T^9+443T^{10}-320T^{11}+193T^{12}-90T^{13}+32T^{14}-8T^{15}+T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 178], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-8T+17T^2-23T^3+17T^4-8T^5+2T^6)}{T^{7/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2(6-44T+176T^2-484T^3+953T^4-1418T^5+1615T^6-1418T^7+953T^8-484T^9+176T^{10}-44T^{11}+6T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 179], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-2T+T^2)(1-T+T^2)(1-2T+2T^2)}{T^{7/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2(14-108T+424T^2-1052T^3+1883T^4-2594T^5+2875T^6-2594T^7+1883T^8-1052T^9+424T^{10}-108T^{11}+14T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 180], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+3T+3T^{3/2}-3T^2-T^{5/2}+T^3)(-1+\sqrt{T}+3T-3T^{3/2}-3T^2+T^{5/2}+T^3)}{T^{5/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)(-3+49T-357T^2+1515T^3-4127T^4+7553T^5-9553T^6+8539T^7-5417T^8+2405T^9-727T^{10}+143T^{11}-17T^{12}+T^{13})}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 181], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-3T+2T^2)(1-3T+3T^2-3T^3+T^4)}{T^{7/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2(2-20T+69T^2-102T^3+13T^4+180T^5-283T^6+180T^7+13T^8-102T^9+69T^{10}-20T^{11}+2T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 182], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-8T+16T^2-19T^3+16T^4-8T^5+2T^6)}{T^{7/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2(14-108T+408T^2-976T^3+1700T^4-2304T^5+2541T^6-2304T^7+1700T^8-976T^9+408T^{10}-108T^{11}+14T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 183], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-8T+16T^2-21T^3+16T^4-8T^5+2T^6)}{T^{7/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2(6-44T+168T^2-448T^3+868T^4-1280T^5+1453T^6-1280T^7+868T^8-448T^9+168T^{10}-44T^{11}+6T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 184], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-2+T)(-1+2T)(1-T+T^2)^2}{T^{7/2}}, \frac{(-1+T)^2(1-T+T^2)^2(6-40T+115T^2-214T^3+267T^4-214T^5+115T^6-40T^7+6T^8)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 185], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(4-11T+4T^2)}{T^{5/2}}, \frac{(-1+T)^2(48-324T+863T^2-1306T^3+1331T^4-900T^5+357T^6+10T^7-68T^8+16T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 186], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-5T+9T^2-9T^3+9T^4-5T^5+2T^6)}{T^{7/2}}, \frac{(-1+T)^2(-6+34T-113T^2+226T^3-325T^4+400T^5-447T^6+482T^7-453T^8+354T^9-205T^{10}+84T^{11}-24T^{12}+4T^{13})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 187], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(4-12T+19T^2-12T^3+4T^4)}{T^{5/2}}, \frac{(-1+T)^2(8-108T+374T^2-643T^3+690T^4-490T^5+252T^6-88T^7+16T^8)}{2T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 188], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-5T+5T^2-5T^3+5T^4-5T^5+2T^6)}{T^{7/2}}, \frac{(-1+T)^2(18-86T+165T^2-222T^3+245T^4-252T^5+231T^6-222T^7+205T^8-182T^9+125T^{10}-52T^{11}+4T^{13})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 189], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(4-12T+15T^2-12T^3+4T^4)}{T^{5/2}}, \frac{(-1+T)^2(48-264T+584T^2-802T^3+775T^4-578T^5+290T^6-52T^7-40T^8+16T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 190], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(4-11T+17T^2-11T^3+4T^4)}{T^{5/2}}, \frac{(-1+T)^2(16-68T+177T^2-246T^3+175T^4+36T^5-169T^6+158T^7-68T^8+16T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 191], \left\{ -\frac{(-1+T)(4-11T+13T^2-11T^3+4T^4)}{T^3}, -\frac{(-1+T)^2(8-78T+290T^2-602T^3+877T^4-973T^5+862T^6-578T^7+266T^8-63T^9+4T^{10})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 192], \left\{ -\frac{(-1+T)(-3+2T)(-2+3T)}{T^2}, -\frac{(-1+T)^2(48-343T+955T^2-1320T^3+981T^4-355T^5+48T^6)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 193], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-7T+11T^2-13T^3+11T^4-7T^5+2T^6)}{T^{7/2}}, -\frac{(-1+T)^2(22-148T+451T^2-922T^3+1447T^4-1860T^5+2013T^6-1860T^7+1447T^8-922T^9+451T^{10}-148T^{11}+22T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 194], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(3-7T+3T^2)}{T^{5/2}}, -\frac{(-1+T)^2(37-236T+634T^2-1056T^3+1235T^4-1056T^5+634T^6-236T^7+37T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 195], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-6T+14T^2-17T^3+14T^4-6T^5+T^6)}{T^{7/2}}, \frac{(-1+T)^2(1-12T+66T^2-202T^3+366T^4-448T^5+465T^6-448T^7+366T^8-202T^9+66T^{10}-12T^{11}+T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 196], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-10T+17T^2-10T^3+2T^4)}{T^{5/2}}, -\frac{(-1+T)^2(2-16T+34T^2+4T^3-55T^4+4T^5+34T^6-16T^7+2T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 197], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(5-19T+27T^2-19T^3+5T^4)}{T^{5/2}}, -\frac{(-1+T)^2(99-714T+2181T^2-3944T^3+4749T^4-3944T^5+2181T^6-714T^7+99T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 198], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-6T+16T^2-23T^3+16T^4-6T^5+T^6)}{T^{7/2}}, -\frac{(-1+T)^2(1-12T+54T^2-114T^3+88T^4+84T^5-209T^6+84T^7+88T^8-114T^9+54T^{10}-12T^{11}+T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 199], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-7T+9T^2-11T^3+9T^4-7T^5+2T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(22-148T+419T^2-774T^3+1141T^4-1384T^5+1483T^6-1384T^7+1141T^8-774T^9+419T^{10}-148T^{11}+22T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 200], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-2T+4T^2-5T^3+7T^4-5T^5+4T^6-2T^7+T^8)}{T^{9/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(1-4T+10T^2-22T^3+40T^4-54T^5+73T^6-78T^7+87T^8-78T^9+73T^{10}-54T^{11}+40T^{12}-22T^{13}+10T^{14}-4T^{15}+T^{16})}{2T^9} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 201], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-5T+8T^2-7T^3+8T^4-5T^5+2T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(10-52T+131T^2-208T^3+252T^4-244T^5+241T^6-244T^7+252T^8-208T^9+131T^{10}-52T^{11}+10T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 202], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-2T+2T^2-3T^3+3T^4-3T^5+2T^6-2T^7+T^8)}{T^{9/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(7-28T+50T^2-82T^3+114T^4-146T^5+165T^6-182T^7+181T^8-182T^9+165T^{10}-146T^{11}+114T^{12}-82T^{13}+50T^{14}-28T^{15}+7T^{16})}{2T^9} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 203], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(2-3T+T^2-3T^3+2T^4)}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(22-108T+237T^2-388T^3+514T^4-596T^5+615T^6-596T^7+514T^8-388T^9+237T^{10}-108T^{11}+22T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 204], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-5T+9T^2-9T^3+9T^4-5T^5+2T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(14-68T+203T^2-390T^3+587T^4-712T^5+767T^6-712T^7+587T^8-390T^9+203T^{10}-68T^{11}+14T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 205], \left\{ -\frac{(-1+T)(2-5T+7T^2-9T^3+7T^4-5T^5+2T^6)}{T^4}, \right. \right. \\
 \left. \left. -\frac{(-1+T)^2(2-24T+96T^2-226T^3+408T^4-586T^5+709T^6-734T^7+668T^8-523T^9+351T^{10}-191T^{11}+83T^{12}-22T^{13}+2T^{14})}{T^9} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 206], \right. \\
 \left\{ -\frac{(-1+T)(3-6T+5T^2-6T^3+3T^4)}{T^3}, -\frac{(-1+T)^2(12-95T+292T^2-516T^3+692T^4-752T^5+658T^6-453T^7+250T^8-86T^9+12T^{10})}{T^7} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 207], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(-2+T)(1-T+T^2)^2}{T^{5/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)(1-T+T^2)^2(-16+134T-506T^2+1197T^3-2011T^4+2467T^5-2209T^6+1425T^7-661T^8+216T^9-44T^{10}+4T^{11})}{2T^6} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 208], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)^2(1-T+T^2-T^3+T^4)}{T^{9/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(1-T+T^2)^2(3-12T+28T^2-46T^3+51T^4-58T^5+59T^6-58T^7+51T^8-46T^9+28T^{10}-12T^{11}+3T^{12})}{2T^9} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 209], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)^2(2-3T+2T^2)}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(1-T+T^2)(6-34T+103T^2-211T^3+300T^4-337T^5+300T^6-211T^7+103T^8-34T^9+6T^{10})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 210], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-8T+16T^2-19T^3+16T^4-8T^5+2T^6)}{T^{5/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)(-16+142T-638T^2+1904T^3-4240T^4+7442T^5-10516T^6+12001T^7-11027T^8+8106T^9-4742T^{10}+2198T^{11}-802T^{12}+222T^{13}-42T^{14}+4T^{15})}{2T^6} \right\} \right\} \\
 \left. \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 211], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-7T+14T^2-15T^3+14T^4-7T^5+2T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(14-92T+333T^2-752T^3+1234T^4-1572T^5+1705T^6-1572T^7+1234T^8-752T^9+333T^{10}-92T^{11}+14T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 212], \left\{ -\frac{(-1+T)(2-8T+12T^2-15T^3+12T^4-8T^5+2T^6)}{T^2}, \right. \right. \\
 \left. \left. -\frac{(-1+T)(-2+25T-137T^2+441T^3-980T^4+1668T^5-2321T^6+2751T^7-2847T^8+2551T^9-1938T^{10}+1197T^{11}-569T^{12}+181T^{13}-31T^{14}+2T^{15})}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 213], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-7T+15T^2-19T^3+15T^4-7T^5+T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. -\frac{(-1+T)^2(3-46T+271T^2-868T^3+1833T^4-2856T^5+3435T^6-3248T^7+2355T^8-1252T^9+443T^{10}-88T^{11}+7T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 214], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-7T+15T^2-21T^3+15T^4-7T^5+T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. -\frac{(-1+T)^2(-3+36T-175T^2+486T^3-851T^4+1012T^5-879T^6+550T^7-243T^8+38T^9+29T^{10}-20T^{11}+3T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 215], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(2-5T+5T^2-5T^3+2T^4)}{T^{7/2}}, \right. \right. \\
 \left. \left. -\frac{(-1+T)^2(22-148T+463T^2-992T^3+1608T^4-2108T^5+2295T^6-2108T^7+1608T^8-992T^9+463T^{10}-148T^{11}+22T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 216], \right. \\
 \left\{ \frac{3(-1+T)(1-T+T^2)(2-3T+2T^2)}{T^3}, \frac{(-1+T)^2(81-364T+873T^2-1368T^3+1531T^4-1236T^5+699T^6-238T^7+27T^8+12T^9)}{T^6} \right\} \left. \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 217], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(3-17T+29T^2-17T^3+3T^4)}{T^{5/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)(6-79T+429T^2-1223T^3+1941T^4-1655T^5+513T^6+413T^7-567T^8+285T^9-67T^{10}+6T^{11})}{2T^6} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 218], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(2-4T+3T^2-4T^3+2T^4)}{T^{7/2}}, \right. \right. \\
 \left. \left. -\frac{(-1+T)^2(22-128T+350T^2-676T^3+1013T^4-1266T^5+1355T^6-1266T^7+1013T^8-676T^9+350T^{10}-128T^{11}+22T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 219], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-6T+12T^2-13T^3+12T^4-6T^5+T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. -\frac{(-1+T)^2(3-36T+170T^2-430T^3+700T^4-868T^5+907T^6-868T^7+700T^8-430T^9+170T^{10}-36T^{11}+3T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 220], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-6T+16T^2-23T^3+16T^4-6T^5+T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(1-12T+74T^2-282T^3+708T^4-1220T^5+1455T^6-1220T^7+708T^8-282T^9+74T^{10}-12T^{11}+T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 221], \right. \\
 \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-4T+T^2)(1-4T+2T^2)}{T^{5/2}}, -\frac{(-1+T)^2(-14+144T-572T^2+1140T^3-1231T^4+740T^5-212T^6+16T^7+2T^8)}{2T^5} \right\} \left. \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 222], \right. \\
 \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(4-12T+15T^2-12T^3+4T^4)}{T^{5/2}}, -\frac{(-1+T)^2(64-368T+928T^2-1504T^3+1745T^4-1504T^5+928T^6-368T^7+64T^8)}{2T^5} \right\} \left. \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 223], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-6T+18T^2-27T^3+18T^4-6T^5+T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. -\frac{(-1+T)(-1+13T-100T^2+492T^3-1628T^4+3762T^5-6139T^6+7037T^7-5590T^8+3048T^9-1130T^{10}+276T^{11}-41T^{12}+3T^{13})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 224], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-3T+7T^2-10T^3+11T^4-10T^5+7T^6-3T^7+T^8)}{T^{9/2}}, \right. \right. \\
 \left. \left. -\frac{(-1+T)^2(3-18T+65T^2-166T^3+317T^4-494T^5+642T^6-744T^7+773T^8-744T^9+642T^{10}-494T^{11}+317T^{12}-166T^{13}+65T^{14}-18T^{15}+3T^{16})}{2T^9} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 225], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-6T+12T^2-15T^3+12T^4-6T^5+2T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. -\frac{(-1+T)^2(6-36T+118T^2-280T^3+492T^4-692T^5+767T^6-692T^7+492T^8-280T^9+118T^{10}-36T^{11}+6T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 226], \right. \\
 \left\{ \frac{(-1+T)(8-20T+27T^2-20T^3+8T^4)}{T^3}, \frac{(-1+T)^2(158-702T+1619T^2-2433T^3+2609T^4-2039T^5+1116T^6-361T^7+26T^8+24T^9)}{T^6} \right\} \left. \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 227], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-7T+18T^2-21T^3+18T^4-7T^5+T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(3-42T+253T^2-842T^3+1742T^4-2522T^5+2843T^6-2522T^7+1742T^8-842T^9+253T^{10}-42T^{11}+3T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 228], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-7T+15T^2-19T^3+15T^4-7T^5+2T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. - \frac{(-1+T)^2(6-40T+151T^2-398T^3+763T^4-1124T^5+1267T^6-1124T^7+763T^8-398T^9+151T^{10}-40T^{11}+6T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 229], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)^2(1-T+3T^2-T^3+T^4)}{T^{9/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(1-T+T^2)(1-5T+17T^2-42T^3+77T^4-107T^5+132T^6-127T^7+132T^8-107T^9+77T^{10}-42T^{11}+17T^{12}-5T^{13}+T^{14})}{2T^9} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 230], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(2-4T+7T^2-4T^3+2T^4)}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(14-80T+278T^2-628T^3+1083T^4-1454T^5+1609T^6-1454T^7+1083T^8-628T^9+278T^{10}-80T^{11}+14T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 231], \right. \\
 \left\{ - \frac{(-1+T)(3-17T+25T^2-17T^3+3T^4)}{T^3}, \frac{(-1+T)^2(6-68T+252T^2-414T^3+382T^4-194T^5+8T^6+60T^7-26T^8+3T^9)}{T^6} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 232], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)(1-4T+7T^2-4T^3+T^4)}{T^{9/2}}, \right. \right. \\
 \left. \left. - \frac{(-1+T)(1-3T+T^2)(-1+10T-36T^2+35T^3+121T^4-460T^5+738T^6-707T^7+471T^8-234T^9+84T^{10}-19T^{11}+2T^{12})}{2T^9} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 233], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(5-20T+29T^2-20T^3+5T^4)}{T^{5/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(20-249T+1328T^2-3892T^3+7218T^4-9087T^5+7940T^6-4698T^7+1756T^8-359T^9+30T^{10})}{2T^6} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 234], \left\{ - \frac{(-1+T)(1-6T+14T^2-17T^3+14T^4-6T^5+T^6)}{T^5}, \right. \right. \\
 \left. \left. - \frac{(-1+T)(-1+14T-78T^2+228T^3-384T^4+363T^5-112T^6-188T^7+336T^8-321T^9+222T^{10}-117T^{11}+44T^{12}-10T^{13}+T^{14})}{T^{10}} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 235], \right. \\
 \left\{ \frac{(-1+T)(7-13T+15T^2-13T^3+7T^4)}{T^3}, \frac{(-1+T)^2(7+74T-267T^2+494T^3-650T^4+681T^5-589T^6+410T^7-191T^8+27T^9+21T^{10})}{T^7} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 236], \right. \\
 \left\{ \frac{3(-1+\sqrt{T})(1+\sqrt{T})(4-7T+4T^2)}{T^{3/2}}, - \frac{(-1+T)(-144+1224T-3926T^2+6661T^3-6589T^4+3704T^5-984T^6+48T^7)}{2T^4} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 237], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-7T+18T^2-25T^3+18T^4-7T^5+T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. - \frac{(-1+T)(-1+17T-123T^2+503T^3-1336T^4+2480T^5-3327T^6+3229T^7-2168T^8+868T^9-61T^{10}-145T^{11}+85T^{12}-21T^{13}+2T^{14})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 238], \left\{ - \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-7T+16T^2-19T^3+16T^4-7T^5+T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. - \frac{(-1+T)^2(3-42T+225T^2-646T^3+1196T^4-1642T^5+1805T^6-1642T^7+1196T^8-646T^9+225T^{10}-42T^{11}+3T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 239], \right. \\
 \left\{ \frac{3(-1+T)(1-5T+9T^2-5T^3+T^4)}{T^3}, \frac{(-1+T)^2(-3+24T-83T^2+179T^3-275T^4+261T^5-83T^6-73T^7+73T^8-24T^9+3T^{10})}{T^7} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 240], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-6T+14T^2-15T^3+14T^4-6T^5+T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. - \frac{(-1+T)^2(1-12T+54T^2-118T^3+114T^4+20T^5-121T^6+20T^7+114T^8-118T^9+54T^{10}-12T^{11}+T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 241], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-12T+23T^2-12T^3+2T^4)}{T^{5/2}}, \frac{(-1+T)^2(2-24T+124T^2-328T^3+455T^4-328T^5+124T^6-24T^7+2T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 242], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(4-14T+19T^2-14T^3+4T^4)}{T^{5/2}}, -\frac{(-1+T)^2(64-432T+1250T^2-2196T^3+2621T^4-2196T^5+1250T^6-432T^7+64T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 243], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T)^2(-1+\sqrt{T}+T)^2(1-T+T^2)}{T^{9/2}}, \frac{(-1+T)(1-3T+T^2)^2(-1+11T-48T^2+100T^3-139T^4+157T^5-134T^6+80T^7-25T^8+3T^9)}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 244], \left\{ -\frac{(-1+T)(1-7T+20T^2-31T^3+20T^4-7T^5+T^6)}{T^3}, -\frac{(-1+T)(-2+23T-123T^2+409T^3-922T^4+1458T^5-1677T^6+1575T^7-1492T^8+1437T^9-1158T^{10}+687T^{11}-284T^{12}+78T^{13}-13T^{14}+T^{15})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 245], \left\{ -\frac{(-1+T)(1-3T+T^2)(5-7T+5T^2)}{T^4}, -\frac{(-1+T)(37-341T+1277T^2-2648T^3+3425T^4-2742T^5+1004T^6+470T^7-844T^8+489T^9-136T^{10}+15T^{11})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 246], \left\{ -\frac{(-1+T)(1-T+T^2)(2-7T+8T^2-7T^3+2T^4)}{T^4}, -\frac{(-1+T)(3-30T+139T^2-408T^3+846T^4-1306T^5+1544T^6-1376T^7+855T^8-247T^9-162T^{10}+271T^{11}-189T^{12}+79T^{13}-19T^{14}+2T^{15})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 247], \left\{ \frac{(-1+\sqrt{T})^7(1+\sqrt{T})^7}{T^{7/2}}, -\frac{(-1+T)^6(1-8T+28T^2-40T^3+18T^4-40T^5+28T^6-8T^7+T^8)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 248], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-4T+8T^2-4T^3+T^4)}{T^{7/2}}, -\frac{(-1+T)^2(1+T^2)(1-4T+T^2)(1-8T+32T^2-72T^3+96T^4-72T^5+32T^6-8T^7+T^8)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 249], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+T^2)(1-3T+3T^2-3T^3+T^4)}{T^{9/2}}, \frac{(-1+T)^2(-3+26T-101T^2+248T^3-447T^4+606T^5-617T^6+466T^7-212T^8-12T^9+137T^{10}-154T^{11}+117T^{12}-68T^{13}+29T^{14}-8T^{15}+T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 250], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)^2(1-2T-2T^3+T^4)}{T^{9/2}}, \frac{(-1+T)^2(1-T+T^2)^2(1-6T+13T^2-12T^3-9T^4+28T^5-20T^6+16T^7+9T^8-26T^9+29T^{10}-16T^{11}+3T^{12})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 251], \left\{ -\frac{(-1+\sqrt{T})^5(1+\sqrt{T})^5(1+T^2)^2}{T^{9/2}}, -\frac{(-1+T)^4(1+T^2)(3-18T+50T^2-94T^3+133T^4-140T^5+132T^6-108T^7+83T^8-50T^9+22T^{10}-6T^{11}+T^{12})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 252], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+8T^2-12T^3+12T^4-12T^5+8T^6-4T^7+T^8)}{T^{9/2}}, \frac{(-1+T)^2(1-8T+32T^2-84T^3+152T^4-212T^5+248T^6-284T^7+350T^8-428T^9+480T^{10}-456T^{11}+352T^{12}-208T^{13}+88T^{14}-24T^{15}+3T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 253], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-3T+5T^2-7T^3+6T^4-7T^5+5T^6-3T^7+T^8)}{T^{9/2}}, \frac{(-1+T)^2(3-18T+57T^2-128T^3+207T^4-272T^5+305T^6-314T^7+318T^8-314T^9+305T^{10}-272T^{11}+207T^{12}-128T^{13}+57T^{14}-18T^{15}+3T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 254], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-3T+5T^2-5T^3+6T^4-5T^5+5T^6-3T^7+T^8)}{T^{9/2}}, \frac{(-1+T)^2(5-30T+91T^2-176T^3+269T^4-344T^5+401T^6-422T^7+434T^8-422T^9+401T^{10}-344T^{11}+269T^{12}-176T^{13}+91T^{14}-30T^{15}+5T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 255], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+T^2)^2(1-T+T^2)}{T^{9/2}}, -\frac{(-1+T)^2(1+T^2)(1-6T+18T^2-40T^3+72T^4-94T^5+105T^6-104T^7+105T^8-94T^9+72T^{10}-40T^{11}+18T^{12}-6T^{13}+T^{14})}{2T^9} \right\} \right\}$$

$$\begin{aligned}
 & \left\{ \text{Link}[11, \text{Alternating}, 256], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-7T+13T^2-18T^3+13T^4-7T^5+2T^6)}{T^{7/2}}, \right. \right. \\
 & \quad \left. \left. \frac{(-1+T)^2(6-40T+139T^2-334T^3+577T^4-790T^5+878T^6-790T^7+577T^8-334T^9+139T^{10}-40T^{11}+6T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 257], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T^2)(2-7T+11T^2-7T^3+2T^4)}{T^{7/2}}, \right. \right. \\
 & \quad \left. \left. \frac{(-1+T)^2(14-96T+325T^2-690T^3+1087T^4-1370T^5+1478T^6-1370T^7+1087T^8-690T^9+325T^{10}-96T^{11}+14T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 258], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T^2)(2-5T+8T^2-5T^3+2T^4)}{T^{7/2}}, \right. \right. \\
 & \quad \left. \left. \frac{(-1+T)^2(10-46T+137T^2-240T^3+328T^4-328T^5+308T^6-246T^7+202T^8-110T^9+43T^{10}+6T^{11}-8T^{12}+4T^{13})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 259], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-5T+6T^2-8T^3+6T^4-5T^5+2T^6)}{T^{7/2}}, \right. \right. \\
 & \quad \left. \left. \frac{(-1+T)^2(18-86T+179T^2-288T^3+368T^4-408T^5+402T^6-370T^7+310T^8-222T^9+125T^{10}-50T^{11}+4T^{13})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 260], \right. \\
 & \quad \left\{ -\frac{2(-1+T)(2-5T+5T^2-5T^3+2T^4)}{T^3}, -\frac{(-1+T)^2(8-80T+294T^2-589T^3+846T^4-941T^5+832T^6-569T^7+274T^8-66T^9+4T^{10})}{T^7} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 261], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-T+T^2)(1-T+2T^2)}{T^{7/2}}, \right. \right. \\
 & \quad \left. \left. \frac{(-1+T)^2(2-10T+23T^2-26T^3-32T^4+156T^5-316T^6+410T^7-406T^8+306T^9-183T^{10}+80T^{11}-24T^{12}+4T^{13})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 262], \right. \\
 & \quad \left\{ -\frac{2(-1+T)^3(2-3T+2T^2)}{T^2}, -\frac{(-1+T)^2(-32+220T-726T^2+1481T^3-2038T^4+1990T^5-1396T^6+679T^7-202T^8+28T^9)}{T^5} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 263], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-6T+7T^2-8T^3+7T^4-6T^5+2T^6)}{T^{7/2}}, \right. \right. \\
 & \quad \left. \left. -\frac{(-1+T)^2(22-128T+314T^2-524T^3+707T^4-820T^5+860T^6-820T^7+707T^8-524T^9+314T^{10}-128T^{11}+22T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 264], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-6T+11T^2-10T^3+11T^4-6T^5+T^6)}{T^{7/2}}, \right. \right. \\
 & \quad \left. \left. -\frac{(-1+T)^2(3-36T+166T^2-392T^3+569T^4-644T^5+658T^6-644T^7+569T^8-392T^9+166T^{10}-36T^{11}+3T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 265], \right. \\
 & \quad \left\{ \frac{2(-1+\sqrt{T})(1+\sqrt{T})(-2+T)(-1+2T)(1-T+T^2)}{T^{5/2}}, -\frac{(-1+T)^2(32-212T+587T^2-992T^3+1169T^4-992T^5+587T^6-212T^7+32T^8)}{T^5} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 266], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(4-15T+20T^2-15T^3+4T^4)}{T^{5/2}}, \right. \right. \\
 & \quad \left. \left. -\frac{(-1+T)(-16+108T-228T^2+33T^3+771T^4-1936T^5+2674T^6-2391T^7+1373T^8-456T^9+64T^{10})}{2T^6} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 267], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-6T+13T^2-14T^3+13T^4-6T^5+T^6)}{T^{7/2}}, \right. \right. \\
 & \quad \left. \left. -\frac{(-1+T)^2(1-12T+54T^2-112T^3+81T^4+84T^5-190T^6+84T^7+81T^8-112T^9+54T^{10}-12T^{11}+T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 268], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-6T+15T^2-22T^3+15T^4-6T^5+T^6)}{T^{7/2}}, \right. \right. \\
 & \quad \left. \left. \frac{(-1+T)^2(1-12T+70T^2-264T^3+675T^4-1180T^5+1426T^6-1180T^7+675T^8-264T^9+70T^{10}-12T^{11}+T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 269], \left\{ \frac{(-1+T)(2-6T+13T^2-14T^3+13T^4-6T^5+2T^6)}{T^4}, \right. \right. \\
 & \quad \left. \left. \frac{(-1+T)^2(5-28T+93T^2-194T^3+300T^4-339T^5+307T^6-213T^7+116T^8-31T^9-6T^{10}+15T^{11}-7T^{12}+2T^{13})}{T^8} \right\} \right\}
 \end{aligned}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 270], \left\{ -\frac{(-1+T)(1+T^2)(2-6T+7T^2-6T^3+2T^4)}{T^4}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(9-52T+137T^2-258T^3+373T^4-443T^5+440T^6-377T^7+271T^8-159T^9+68T^{10}-17T^{11}-3T^{12}+2T^{13})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 271], \left\{ -\frac{(-1+T)(4-11T+12T^2-11T^3+4T^4)}{T^3}, -\frac{(-1+T)^2(8-90T+365T^2-793T^3+1171T^4-1290T^5+1094T^6-691T^7+300T^8-67T^9+4T^{10})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 272], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-2T+5T^2-2T^3+2T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2(6-32T+98T^2-236T^3+423T^4-608T^5+678T^6-608T^7+423T^8-236T^9+98T^{10}-32T^{11}+6T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 273], \left\{ \frac{(-1+T)(1-T+T^2)(3-2T+2T^2-2T^3+3T^4)}{T^4}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(30-94T+196T^2-292T^3+378T^4-421T^5+433T^6-399T^7+343T^8-254T^9+163T^{10}-71T^{11}+19T^{12}+3T^{13})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 274], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T^2)(1-T+T^2)(1-T+T^2-T^3+T^4)}{T^{9/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(1-4T+14T^2-30T^3+52T^4-58T^5+65T^6-52T^7+58T^8-52T^9+65T^{10}-58T^{11}+52T^{12}-30T^{13}+14T^{14}-4T^{15}+T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 275], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-4T+5T^2-4T^3+5T^4-4T^5+2T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(10-40T+84T^2-104T^3+111T^4-88T^5+88T^6-88T^7+111T^8-104T^9+84T^{10}-40T^{11}+10T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 276], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(1-T+2T^2+2T^4-T^5+T^6)}{T^{9/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(5-20T+58T^2-98T^3+148T^4-166T^5+195T^6-188T^7+204T^8-188T^9+195T^{10}-166T^{11}+148T^{12}-98T^{13}+58T^{14}-20T^{15}+5T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 277], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T^2)(1-T+T^2)(1-T-T^2-T^3+T^4)}{T^{9/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(7-28T+50T^2-82T^3+106T^4-130T^5+145T^6-152T^7+154T^8-152T^9+145T^{10}-130T^{11}+106T^{12}-82T^{13}+50T^{14}-28T^{15}+7T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 278], \left\{ -\frac{(-1+T)(2-4T+3T^2-4T^3+3T^4-4T^5+2T^6)}{T^4}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2(2-23T+77T^2-131T^3+182T^4-224T^5+251T^6-258T^7+244T^8-208T^9+165T^{10}-114T^{11}+67T^{12}-21T^{13}+2T^{14})}{T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 279], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+3T^2-T^3+3T^4-T^5+T^6)}{T^{9/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(3-18T+61T^2-144T^3+250T^4-356T^5+424T^6-466T^7+472T^8-466T^9+424T^{10}-356T^{11}+250T^{12}-144T^{13}+61T^{14}-18T^{15}+3T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 280], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-2T+3T^2-2T^3+2T^4)}{T^{5/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(16-102T+332T^2-742T^3+1306T^4-1921T^5+2348T^6-2378T^7+1978T^8-1343T^9+734T^{10}-332T^{11}+118T^{12}-30T^{13}+4T^{14})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 281], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-9T+18T^2-24T^3+18T^4-9T^5+2T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(-4+36T-146T^2+379T^3-748T^4+1198T^5-1596T^6+1750T^7-1536T^8+1056T^9-550T^{10}+209T^{11}-52T^{12}+6T^{13})}{2T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 282], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T^2)(1-3T+5T^2-5T^3+5T^4-3T^5+T^6)}{T^{9/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2(1-6T+23T^2-56T^3+102T^4-136T^5+156T^6-154T^7+158T^8-154T^9+156T^{10}-136T^{11}+102T^{12}-56T^{13}+23T^{14}-6T^{15}+T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 283], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-7T+14T^2-16T^3+14T^4-7T^5+2T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(2-16T+51T^2-88T^3+70T^4-8T^5-36T^6-8T^7+70T^8-88T^9+51T^{10}-16T^{11}+2T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 284], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T^2)(2-2T+T^2)(1-2T+2T^2)}{T^{5/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)(-16+122T-506T^2+1420T^3-2970T^4+4891T^5-6599T^6+7464T^7-7160T^8+5817T^9-3947T^{10}+2160T^{11}-906T^{12}+268T^{13}-50T^{14}+4T^{15})}{2T^6} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 285], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+3T^2-3T^3+3T^4-T^5+T^6)}{T^{9/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(1+T^2)(1-6T+18T^2-42T^3+80T^4-110T^5+130T^6-136T^7+130T^8-110T^9+80T^{10}-42T^{11}+18T^{12}-6T^{13}+T^{14})}{2T^9} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 286], \right. \\
 \left\{ \frac{2(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+T^2-T^3+T^4)}{T^{7/2}}, \frac{(-1+T)^2(1+T^2)(5-30T+70T^2-82T^3+58T^4-40T^5+58T^6-82T^7+70T^8-30T^9+5T^{10})}{T^7} \right\} \left. \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 287], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T^{3/2})(1-\sqrt{T}+T^{3/2})(1-T+T^{3/2})(-1+T+T^{3/2})(1+T^2)}{T^{9/2}}, \right. \right. \\
 \left. \left. -\frac{(-1+T)^2(3-18T+61T^2-152T^3+282T^4-436T^5+570T^6-658T^7+690T^8-658T^9+570T^{10}-436T^{11}+282T^{12}-152T^{13}+61T^{14}-18T^{15}+3T^{16})}{2T^9} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 288], \left\{ \frac{2(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T^{3/2})(1-\sqrt{T}+T^{3/2})(1-T+T^{3/2})(-1+T+T^{3/2})}{T^{7/2}}, \right. \right. \\
 \left. \left. -\frac{(-1+T)^2(3-18T+57T^2-128T^3+207T^4-274T^5+301T^6-274T^7+207T^8-128T^9+57T^{10}-18T^{11}+3T^{12})}{T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 289], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-4T+4T^2-4T^3+T^4)}{T^{7/2}}, \right. \right. \\
 \left. \left. -\frac{(-1+T)^2(3-36T+174T^2-468T^3+839T^4-1136T^5+1240T^6-1136T^7+839T^8-468T^9+174T^{10}-36T^{11}+3T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 290], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-8T+15T^2-20T^3+15T^4-8T^5+2T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(-2+16T-52T^2+88T^3-71T^4-70T^5+308T^6-502T^7+517T^8-360T^9+168T^{10}-48T^{11}+6T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 291], \left\{ -\frac{(-2+T)(-1+T)^3(-1+2T)(1+T^2)}{T^4}, \right. \right. \\
 \left. \left. -\frac{(-1+T)^2(5-44T+181T^2-485T^3+964T^4-1436T^5+1582T^6-1304T^7+783T^8-321T^9+82T^{10}-12T^{11}+T^{12})}{T^8} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 292], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-2T+5T^2-2T^3+2T^4)}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(2-12T+38T^2-60T^3+27T^4+28T^5-66T^6+28T^7+27T^8-60T^9+38T^{10}-12T^{11}+2T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 293], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-2T+3T^2-2T^3+2T^4)}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(10-60T+158T^2-260T^3+331T^4-348T^5+350T^6-348T^7+331T^8-260T^9+158T^{10}-60T^{11}+10T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 294], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-5T+9T^2-8T^3+9T^4-5T^5+2T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(10-46T+131T^2-212T^3+255T^4-218T^5+188T^6-146T^7+147T^8-98T^9+45T^{10}+4T^{11}-8T^{12}+4T^{13})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 295], \right. \\
 \left\{ \frac{4(-1+\sqrt{T})(1+\sqrt{T})(1+\sqrt{T}-T-T^{3/2}+T^2)(1-\sqrt{T}-T+T^{3/2}+T^2)}{T^{5/2}}, \frac{2(-1+T)^2(4-18T+49T^2-68T^3+45T^4+22T^5-55T^6+46T^7-18T^8+4T^9)}{T^5} \right\} \left. \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 296], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-T+5T^2-T^3+2T^4)}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(2-6T+9T^2-8T^3-31T^4+82T^5-156T^6+190T^7-191T^8+142T^9-93T^{10}+44T^{11}-16T^{12}+4T^{13})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{Alternating}, 297], \right. \\
 \left\{ -\frac{(-1+T)(4-13T+16T^2-13T^3+4T^4)}{T^3}, -\frac{(-1+T)^2(8-82T+336T^2-748T^3+1114T^4-1224T^5+1035T^6-648T^7+269T^8-57T^9+4T^{10})}{T^7} \right\} \left. \right\}$$

$$\begin{aligned}
 & \left\{ \text{Link}[11, \text{Alternating}, 298], \right. \\
 & \left. \left\{ -\frac{(-1+T)^3(4-T+4T^2)}{T^3}, -\frac{(-1+T)^2(8-42T+116T^2-244T^3+408T^4-473T^5+389T^6-216T^7+93T^8-29T^9+4T^{10})}{T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 299], \left\{ \frac{2(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(1-2T+T^2-2T^3+T^4)}{T^{7/2}}, \right. \right. \\
 & \left. \left. -\frac{(-1+T)^2(11-64T+165T^2-304T^3+446T^4-544T^5+579T^6-544T^7+446T^8-304T^9+165T^{10}-64T^{11}+11T^{12})}{T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 300], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-6T+13T^2-14T^3+13T^4-6T^5+T^6)}{T^{7/2}}, \right. \right. \\
 & \left. \left. -\frac{(-1+T)^2(3-36T+174T^2-464T^3+807T^4-1044T^5+1118T^6-1044T^7+807T^8-464T^9+174T^{10}-36T^{11}+3T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 301], \right. \\
 & \left. \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+T^2)^3}{T^{9/2}}, -\frac{(-1+T)^2(1+T^2)^2(3-12T+28T^2-52T^3+65T^4-68T^5+64T^6-68T^7+65T^8-52T^9+28T^{10}-12T^{11}+3T^{12})}{2T^9} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 302], \right. \\
 & \left. \left\{ \frac{2(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+T^2)^2}{T^{7/2}}, -\frac{(-1+T)^2(1+T^2)(3-12T+27T^2-48T^3+54T^4-56T^5+54T^6-48T^7+27T^8-12T^9+3T^{10})}{T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 303], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-3T+7T^2-11T^3+14T^4-11T^5+7T^6-3T^7+T^8)}{T^{9/2}}, \right. \right. \\
 & \left. \left. \frac{(-1+T)^2(1-6T+23T^2-60T^3+123T^4-192T^5+263T^6-302T^7+322T^8-302T^9+263T^{10}-192T^{11}+123T^{12}-60T^{13}+23T^{14}-6T^{15}+T^{16})}{2T^9} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 304], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T^2)(1-2T+3T^2-2T^3+3T^4-2T^5+T^6)}{T^{9/2}}, \right. \right. \\
 & \left. \left. \frac{(-1+T)^2(5-20T+58T^2-104T^3+172T^4-224T^5+284T^6-300T^7+326T^8-300T^9+284T^{10}-224T^{11}+172T^{12}-104T^{13}+58T^{14}-20T^{15}+5T^{16})}{2T^9} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 305], \left\{ -\frac{2(-1+\sqrt{T})(1+\sqrt{T})(1-3T+5T^2-5T^3+5T^4-3T^5+T^6)}{T^{5/2}}, \right. \right. \\
 & \left. \left. \frac{(-1+T)(-8+61T-247T^2+665T^3-1319T^4+2059T^5-2671T^6+2959T^7-2829T^8+2339T^9-1655T^{10}+959T^{11}-425T^{12}+131T^{13}-25T^{14}+2T^{15})}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 306], \right. \\
 & \left. \left\{ \frac{(-1+T)(7-14T+18T^2-14T^3+7T^4)}{T^3}, \frac{(-1+T)^2(7+94T-385T^2+825T^3-1166T^4+1234T^5-1002T^6+605T^7-223T^8+24T^9+21T^{10})}{T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 307], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-6T+15T^2-16T^3+15T^4-6T^5+T^6)}{T^{7/2}}, \right. \right. \\
 & \left. \left. \frac{(-1+T)^2(3-36T+202T^2-636T^3+1249T^4-1712T^5+1904T^6-1712T^7+1249T^8-636T^9+202T^{10}-36T^{11}+3T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 308], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-2+T)(-1+2T)(1+T^2)(1-T+T^2)}{T^{7/2}}, \right. \right. \\
 & \left. \left. \frac{(-1+T)^2(22-148T+447T^2-922T^3+1459T^4-1870T^5+2018T^6-1870T^7+1459T^8-922T^9+447T^{10}-148T^{11}+22T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 309], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-4T+7T^2-4T^3+2T^4)}{T^{7/2}}, \right. \right. \\
 & \left. \left. \frac{(-1+T)^2(6-44T+172T^2-472T^3+949T^4-1444T^5+1654T^6-1444T^7+949T^8-472T^9+172T^{10}-44T^{11}+6T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 310], \right. \\
 & \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T)^2(-1+\sqrt{T}+T)^2(1+T^2)}{T^{7/2}}, -\frac{(-1+T)^2(1-3T+T^2)^2(1+T+T^2)(3-21T+47T^2-60T^3+47T^4-21T^5+3T^6)}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 311], \right. \\
 & \left. \left\{ -\frac{(-1+T)(1-3T+T^2)(1-3T+6T^2-3T^3+T^4)}{T^3}, \frac{(-1+T)^2(1-3T+T^2)(1-7T+27T^2-57T^3+56T^4+18T^5-115T^6+124T^7-81T^8+32T^9-8T^{10}+T^{11})}{T^6} \right\} \right\}
 \end{aligned}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 312], \left\{ \frac{(-1+T)^3 (1-4T-4T^3+T^4)}{T^4}, -\frac{(-1+T)^2 (-3+33T-141T^2+324T^3-509T^4+650T^5-710T^6+695T^7-574T^8+390T^9-195T^{10}+63T^{11}-12T^{12}+T^{13})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 313], \left\{ -\frac{2(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1+T^2)(1-T+T^2)}{T^{7/2}}, \frac{(-1+T)^2 (1-6T+19T^2-28T^3+5T^4+30T^5-50T^6+30T^7+5T^8-28T^9+19T^{10}-6T^{11}+T^{12})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 314], \left\{ -\frac{2(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(1+\sqrt{T}-T-T^{3/2}+T^2)(1-\sqrt{T}-T+T^{3/2}+T^2)}{T^{7/2}}, \right. \right.$$

$$\left. -\frac{(-1+T)^2 (7-54T+216T^2-552T^3+1023T^4-1442T^5+1615T^6-1442T^7+1023T^8-552T^9+216T^{10}-54T^{11}+7T^{12})}{T^7} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 315], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(3-3T+4T^2-3T^3+T^4)}{T^{7/2}}, \right. \right.$$

$$\left. \frac{(-1+T)^2 (69-260T+646T^2-1144T^3+1686T^4-2076T^5+2238T^6-2076T^7+1686T^8-1144T^9+646T^{10}-260T^{11}+69T^{12})}{2T^7} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 316], \left\{ -\frac{(-1+T)(2-7T+10T^2-12T^3+10T^4-7T^5+2T^6)}{T^4}, \right. \right.$$

$$\left. \frac{(-1+T)^2 (9-60T+171T^2-318T^3+448T^4-511T^5+494T^6-426T^7+317T^8-189T^9+78T^{10}-12T^{11}-6T^{12}+2T^{13})}{T^8} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 317], \left\{ -\frac{(-1+T)^3 (2-5T+8T^2-5T^3+2T^4)}{T^4}, \right. \right.$$

$$\left. \frac{(-1+T)^2 (1-4T+3T^2+20T^3-104T^4+280T^5-516T^6+677T^7-653T^8+460T^9-233T^{10}+81T^{11}-18T^{12}+2T^{13})}{T^8} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 318], \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-\sqrt{T}+T)(1+\sqrt{T}+T)(2-T+2T^2)}{T^{7/2}}, \right. \right.$$

$$\left. \frac{(-1+T)^2 (1+T^2)(18-52T+57T^2-54T^3+58T^4-72T^5+58T^6-54T^7+57T^8-52T^9+18T^{10})}{2T^7} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 319], \left\{ -\frac{(-1+T)^3 (4T+4T^2)}{T^3}, -\frac{(-1+T)^2 (8-66T+191T^2-312T^3+391T^4-403T^5+367T^6-265T^7+157T^8-58T^9+8T^{10})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 320], \left\{ \frac{2(-1+T)(1-T+T^2)^3}{T^3}, -\frac{(-1+T)(1-T+T^2)^2 (-2+19T-75T^2+176T^3-272T^4+309T^5-289T^6+228T^7-144T^8+63T^9-19T^{10}+2T^{11})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 321], \left\{ -\frac{(-1+T)^3 (2-T+T^2)(1-T+2T^2)}{T^4}, \right. \right.$$

$$\left. -\frac{(-1+T)^2 (2-20T+94T^2-289T^3+656T^4-1141T^5+1569T^6-1714T^7+1505T^8-1055T^9+589T^{10}-255T^{11}+83T^{12}-18T^{13}+2T^{14})}{T^9} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 322], \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (2-4T+5T^2-4T^3+2T^4)}{T^{7/2}}, \right. \right.$$

$$\left. \frac{(-1+T)^2 (-6+48T-180T^2+448T^3-827T^4+1126T^5-1114T^6+766T^7-323T^8+40T^9+32T^{10}-16T^{11}+2T^{12})}{2T^7} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 323], \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-5T+7T^2-5T^3+T^4)}{T^{5/2}}, \right. \right.$$

$$\left. \frac{(-1+T)^2 (2-25T+134T^2-419T^3+896T^4-1440T^5+1744T^6-1462T^7+716T^8-90T^9-96T^{10}+55T^{11}-12T^{12}+T^{13})}{2T^6} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 324], \left\{ \frac{2(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(1-T+T^2-T^3+T^4)}{T^{5/2}}, \right. \right.$$

$$\left. \frac{(-1+T)(-2+13T-47T^2+122T^3-246T^4+399T^5-541T^6+615T^7-579T^8+449T^9-283T^{10}+150T^{11}-66T^{12}+27T^{13}-9T^{14}+2T^{15})}{T^6} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 325], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(1-2T+3T^2-2T^3+3T^4-2T^5+T^6)}{T^{9/2}}, \right. \right.$$

$$\left. \frac{(-1+T)^2 (5-30T+99T^2-214T^3+366T^4-514T^5+647T^6-722T^7+756T^8-722T^9+647T^{10}-514T^{11}+366T^{12}-214T^{13}+99T^{14}-30T^{15}+5T^{16})}{2T^9} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 326], \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1+T^2) (1-T+T^2)^2}{T^{9/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2 (1-T+T^2) (1-7T+24T^2-57T^3+104T^4-139T^5+163T^6-170T^7+163T^8-139T^9+104T^{10}-57T^{11}+24T^{12}-7T^{13}+T^{14})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 327], \left\{ \frac{(-1+\sqrt{T}) (1+\sqrt{T}) (1-T+T^2) (1-T+3T^2-4T^3+3T^4-T^5+T^6)}{T^{9/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2 (1-4T+14T^2-32T^3+65T^4-96T^5+140T^6-156T^7+174T^8-156T^9+140T^{10}-96T^{11}+65T^{12}-32T^{13}+14T^{14}-4T^{15}+T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 328], \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1+T^2) (2-3T+2T^2)}{T^{7/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2 (2-16T+43T^2-52T^3-20T^4+136T^5-194T^6+136T^7-20T^8-52T^9+43T^{10}-16T^{11}+2T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 329], \right.$$

$$\left\{ \frac{(-1+\sqrt{T}) (1+\sqrt{T}) (1+T^2) (1-T+T^2)^3}{T^{9/2}}, \frac{(-1+T)^2 (1-T+T^2)^2 (1-4T+12T^2-20T^3+30T^4-24T^5+36T^6-24T^7+30T^8-20T^9+12T^{10}-4T^{11}+T^{12})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 330], \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-2T+4T^2-3T^3+4T^4-2T^5+T^6)}{T^{9/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2 (1+T^2) (3-24T+93T^2-234T^3+418T^4-574T^5+649T^6-668T^7+649T^8-574T^9+418T^{10}-234T^{11}+93T^{12}-24T^{13}+3T^{14})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 331], \left\{ \frac{(-1+\sqrt{T}) (1+\sqrt{T}) (1-3T+6T^2-6T^3+8T^4-6T^5+6T^6-3T^7+T^8)}{T^{9/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2 (5-30T+99T^2-208T^3+346T^4-468T^5+582T^6-630T^7+664T^8-630T^9+582T^{10}-468T^{11}+346T^{12}-208T^{13}+99T^{14}-30T^{15}+5T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 332], \left\{ \frac{(-1+\sqrt{T}) (1+\sqrt{T}) (1-T+T^2) (3-3T+4T^2-3T^3+3T^4)}{T^{9/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T) (-6+117T-529T^2+1480T^3-3032T^4+4968T^5-6788T^6+7944T^7-8062T^8+7104T^9-5376T^{10}+3424T^{11}-1774T^{12}+703T^{13}-189T^{14}+24T^{15})}{2T^{10}} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 333], \left\{ \frac{(-1+\sqrt{T}) (1+\sqrt{T}) (1+T^2) (1-4T+8T^2-9T^3+8T^4-4T^5+T^6)}{T^{9/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2 (1-8T+32T^2-86T^3+177T^4-284T^5+381T^6-442T^7+468T^8-442T^9+381T^{10}-284T^{11}+177T^{12}-86T^{13}+32T^{14}-8T^{15}+T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 334], \left\{ -\frac{(-1+\sqrt{T}) (1+\sqrt{T}) (1-7T+16T^2-22T^3+16T^4-7T^5+T^6)}{T^{7/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2 (-3+36T-177T^2+504T^3-936T^4+1196T^5-1130T^6+764T^7-352T^8+64T^9+29T^{10}-20T^{11}+3T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 335], \left\{ \frac{(-1+\sqrt{T}) (1+\sqrt{T}) (2-8T+19T^2-22T^3+19T^4-8T^5+2T^6)}{T^{7/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2 (14-108T+444T^2-1156T^3+2173T^4-3064T^5+3442T^6-3064T^7+2173T^8-1156T^9+444T^{10}-108T^{11}+14T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 336], \left\{ \frac{(-1+\sqrt{T}) (1+\sqrt{T}) (1-T+T^2) (7-10T+7T^2)}{T^{7/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T) (-42+647T-3081T^2+8481T^3-15905T^4+21828T^5-22578T^6+17673T^7-10259T^8+4193T^9-1075T^{10}+126T^{11})}{2T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 337], \right.$$

$$\left\{ \frac{(-1+T) (7-16T+22T^2-16T^3+7T^4)}{T^3}, \frac{(-1+T)^2 (-14+182T-662T^2+1451T^3-2204T^4+2494T^5-2128T^6+1343T^7-572T^8+136T^9)}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 338], \left\{ \frac{(-1+\sqrt{T}) (1+\sqrt{T}) (1-T+T^2) (2-5T+8T^2-5T^3+2T^4)}{T^{7/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2 (4-40T+200T^2-661T^3+1556T^4-2819T^5+4068T^6-4794T^7+4604T^8-3559T^9+2140T^{10}-961T^{11}+296T^{12}-56T^{13}+4T^{14})}{2T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 339], \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-T+4T^2-T^3+4T^4-T^5+T^6)}{T^{9/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2 (1+T^2) (3-18T+62T^2-148T^3+251T^4-336T^5+363T^6-368T^7+363T^8-336T^9+251T^{10}-148T^{11}+62T^{12}-18T^{13}+3T^{14})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 340], \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (2-2T+7T^2-2T^3+2T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. - \frac{(-1+T)^2 (6-36T+126T^2-316T^3+569T^4-820T^5+914T^6-820T^7+569T^8-316T^9+126T^{10}-36T^{11}+6T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 341], \left\{ - \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-4T+7T^2-4T^3+T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. - \frac{(-1+T)^2 (-3+34T-184T^2+598T^3-1268T^4+1818T^5-1772T^6+1152T^7-456T^8+80T^9+12T^{10}-8T^{11}+T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 342], \left\{ - \frac{2(-1+\sqrt{T})(1+\sqrt{T})(2-8T+11T^2-8T^3+2T^4)}{T^{5/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)(8-94T+474T^2-1350T^3+2434T^4-2963T^5+2529T^6-1490T^7+550T^8-88T^9-10T^{10}+4T^{11})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 343], \right. \\ \left. \left\{ \frac{(-1+T)^3 (1-3T+T^2)(1-T+T^2)}{T^4}, - \frac{(-1+T)^2 (-2+23T-114T^2+331T^3-641T^4+891T^5-919T^6+712T^7-405T^8+160T^9-38T^{10}+4T^{11})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 344], \right. \\ \left. \left\{ - \frac{(-1+\sqrt{T})^2 (1+\sqrt{T})(1-4T+T^2)(1-T+T^2)^2}{T^{7/2}}, \frac{(-1+T)^2 (1-3T+T^2)(1-T+T^2)(1-8T+21T^2-48T^3+66T^4-48T^5+21T^6-8T^7+T^8)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 345], \right. \\ \left. \left\{ \frac{(-1+T)(1-6T+14T^2-16T^3+14T^4-6T^5+T^6)}{T^3}, - \frac{(-1+T)^2 (-1+7T-24T^2+55T^3-96T^4+160T^5-247T^6+253T^7-158T^8+59T^9-12T^{10}+T^{11})}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 346], \left\{ - \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-4T+3T^2-4T^3+T^4)}{T^{5/2}}, \right. \right. \\ \left. \left. - \frac{(-1+T)^2 (2-13T+16T^2+60T^3-250T^4+516T^5-790T^6+982T^7-1040T^8+870T^9-530T^{10}+202T^{11}-40T^{12}+3T^{13})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 347], \left\{ \frac{2(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1+T^2)(1-T+T^2)}{T^{7/2}}, \right. \right. \\ \left. \left. - \frac{(-1+T)^2 (11-64T+187T^2-384T^3+607T^4-788T^5+854T^6-788T^7+607T^8-384T^9+187T^{10}-64T^{11}+11T^{12})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 348], \left\{ - \frac{2(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)(1-T+T^2)^2}{T^{7/2}}, \right. \right. \\ \left. \left. - \frac{(-1+T)(1-3T+T^2)(1-T+T^2)^2 (-2+13T-38T^2+81T^3-125T^4+121T^5-63T^6+8T^7+15T^8-10T^9+2T^{10})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 349], \left\{ - \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-5T+T^2)(1-T+T^2)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2 (1-5T+T^2)(-2+17T-67T^2+162T^3-253T^4+263T^5-202T^6+129T^7-77T^8+34T^9-9T^{10}+T^{11})}{2T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 350], \right. \\ \left. \left\{ \frac{(-1+T)(1-T+T^2)(1-5T+10T^2-5T^3+T^4)}{T^3}, \frac{(-1+T)^2 (1-6T+18T^2-35T^3+53T^4-91T^5+167T^6-165T^7+86T^8-24T^9+3T^{10})}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 351], \left\{ - \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-5T+11T^2-5T^3+T^4)}{T^{5/2}}, \right. \right. \\ \left. \left. - \frac{(-1+T)^2 (2-31T+212T^2-873T^3+2402T^4-4684T^5+6712T^6-7306T^7+6194T^8-4034T^9+1972T^{10}-703T^{11}+174T^{12}-27T^{13}+2T^{14})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 352], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-9T+20T^2-24T^3+20T^4-9T^5+2T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2 (14-120T+511T^2-1356T^3+2548T^4-3616T^5+4052T^6-3616T^7+2548T^8-1356T^9+511T^{10}-120T^{11}+14T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 353], \right. \\ \left. \left\{ \frac{(-1+T)^3 (1-4T+9T^2-4T^3+T^4)}{T^4}, - \frac{(-1+T)^2 (1-9T+28T^2+T^3-266T^4+890T^5-1512T^6+1536T^7-1022T^8+477T^9-168T^{10}+46T^{11}-9T^{12}+T^{13})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 354], \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-5T+3T^2-5T^3+T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2 (3-42T+217T^2-564T^3+934T^4-1194T^5+1272T^6-1194T^7+934T^8-564T^9+217T^{10}-42T^{11}+3T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 355], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-2+T)(1-\sqrt{T}+T)(1+\sqrt{T}+T)(-1+2T)(1-T+T^2)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2 (18-86T+151T^2-192T^3+220T^4-218T^5+211T^6-194T^7+194T^8-164T^9+125T^{10}-58T^{11}+4T^{13})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 356], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-5T+8T^2-11T^3+8T^4-5T^5+2T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2 (2-6T+11T^2-16T^3-16T^4+54T^5-103T^6+126T^7-126T^8+96T^9-71T^{10}+38T^{11}-16T^{12}+4T^{13})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 357], \right. \\ \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-2+T)(-1+2T)(2-T+2T^2)}{T^{5/2}}, \frac{(-1+T)^2 (48-264T+552T^2-722T^3+713T^4-550T^5+326T^6-76T^7-40T^8+16T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 358], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-5T+6T^2-5T^3+6T^4-5T^5+2T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2 (-14+74T-181T^2+276T^3-342T^4+374T^5-405T^6+414T^7-396T^8+332T^9-235T^{10}+114T^{11}-32T^{12}+4T^{13})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 359], \right. \\ \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-3T+2T^2)^2}{T^{5/2}}, \frac{(-1+T)^2 (2-3T+2T^2)(-16+76T-156T^2+193T^3-212T^4+138T^5-48T^6+8T^7)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 360], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-2T+T^2-2T^3+T^4-2T^5+T^6-2T^7+T^8)}{T^{9/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2 (7-28T+38T^2-48T^3+59T^4-60T^5+70T^6-64T^7+71T^8-64T^9+70T^{10}-60T^{11}+59T^{12}-48T^{13}+38T^{14}-28T^{15}+7T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 361], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-6T+8T^2-11T^3+8T^4-6T^5+2T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2 (22-128T+330T^2-620T^3+932T^4-1152T^5+1243T^6-1152T^7+932T^8-620T^9+330T^{10}-128T^{11}+22T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 362], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-6T+6T^2-7T^3+6T^4-6T^5+2T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2 (22-128T+298T^2-460T^3+598T^4-676T^5+711T^6-676T^7+598T^8-460T^9+298T^{10}-128T^{11}+22T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 363], \right. \\ \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(4-14T+17T^2-14T^3+4T^4)}{T^{5/2}}, -\frac{(-1+T)^2 (64-424T+1150T^2-1892T^3+2215T^4-1892T^5+1150T^6-424T^7+64T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 364], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-2T+3T^2-4T^3+3T^4-4T^5+3T^6-2T^7+T^8)}{T^{9/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2 (3-12T+30T^2-60T^3+81T^4-100T^5+100T^6-104T^7+101T^8-104T^9+100T^{10}-100T^{11}+81T^{12}-60T^{13}+30T^{14}-12T^{15}+3T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 365], \right. \\ \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2-T^3+T^4)^2}{T^{9/2}}, \frac{(-1+T)^2 (1-T+T^2-T^3+T^4)(1+T+T^2+T^3+T^4)(1-4T+9T^2-16T^3+25T^4-16T^5+9T^6-4T^7+T^8)}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 366], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(2-3T+3T^2-3T^3+2T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2 (2-12T+37T^2-60T^3+32T^4+4T^5-31T^6+4T^7+32T^8-60T^9+37T^{10}-12T^{11}+2T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 367], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-2T+3T^2-2T^3+3T^4-2T^5+3T^6-2T^7+T^8)}{T^{9/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2 (5-20T+50T^2-72T^3+95T^4-100T^5+114T^6-104T^7+115T^8-104T^9+114T^{10}-100T^{11}+95T^{12}-72T^{13}+50T^{14}-20T^{15}+5T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 368], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-5T+8T^2-7T^3+8T^4-5T^5+2T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(14-68T+191T^2-324T^3+432T^4-476T^5+505T^6-476T^7+432T^8-324T^9+191T^{10}-68T^{11}+14T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 369], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(4-8T+7T^2-8T^3+4T^4)}{T^{5/2}}, \frac{(-1+T)^2(32-104T+124T^2-98T^3+35T^4-34T^5+50T^6-28T^7-24T^8+16T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 370], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(4-12T+19T^2-12T^3+4T^4)}{T^{5/2}}, \frac{(-1+T)^2(16-72T+192T^2-254T^3+165T^4+62T^5-190T^6+172T^7-72T^8+16T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 371], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(3-8T+7T^2-8T^3+3T^4)}{T^{5/2}}, -\frac{(-1+T)^2(37-192T+376T^2-496T^3+553T^4-496T^5+376T^6-192T^7+37T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 372], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-3T+2T^2-3T^3+2T^4-3T^5+2T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(18-52T+63T^2-80T^3+82T^4-84T^5+75T^6-84T^7+82T^8-80T^9+63T^{10}-52T^{11}+18T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 373], \left\{ -\frac{(-1+T)(2-7T+14T^2-19T^3+14T^4-7T^5+2T^6)}{T^4}, \right. \right. \\ \left. \left. -\frac{(-1+T)(5-39T+158T^2-442T^3+913T^4-1469T^5+1894T^6-1977T^7+1678T^8-1151T^9+629T^{10}-266T^{11}+84T^{12}-18T^{13}+2T^{14})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 374], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-\sqrt{T}+T)(1+\sqrt{T}+T)(1-T+T^2)^3}{T^{9/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(1-T+T^2)^2(5-10T+23T^2-18T^3+38T^4-26T^5+35T^6-26T^7+38T^8-18T^9+23T^{10}-10T^{11}+5T^{12})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 375], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(1-2T+4T^2-5T^3+4T^4-2T^5+T^6)}{T^{9/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(1-6T+23T^2-60T^3+123T^4-190T^5+255T^6-284T^7+301T^8-284T^9+255T^{10}-190T^{11}+123T^{12}-60T^{13}+23T^{14}-6T^{15}+T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 376], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)^2(2-T+2T^2)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(1-T+T^2)(14-54T+143T^2-219T^3+292T^4-301T^5+292T^6-219T^7+143T^8-54T^9+14T^{10})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 377], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-3T+6T^2-9T^3+9T^4-9T^5+6T^6-3T^7+T^8)}{T^{9/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2(3-18T+61T^2-150T^3+270T^4-400T^5+495T^6-552T^7+567T^8-552T^9+495T^{10}-400T^{11}+270T^{12}-150T^{13}+61T^{14}-18T^{15}+3T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 378], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(4-10T+11T^2-10T^3+4T^4)}{T^{5/2}}, -\frac{(-1+T)^2(46-204T+293T^2-204T^3+46T^4)}{2T^3} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 379], \left\{ \frac{(-1+T)(1-7T+15T^2-17T^3+15T^4-7T^5+T^6)}{T^4}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(1-14T+71T^2-181T^3+266T^4-232T^5+91T^6+34T^7-112T^8+132T^9-100T^{10}+46T^{11}-11T^{12}+T^{13})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 380], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-7T+13T^2-13T^3+13T^4-7T^5+T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(3-42T+213T^2-528T^3+807T^4-962T^5+995T^6-962T^7+807T^8-528T^9+213T^{10}-42T^{11}+3T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 381], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(1-7T+11T^2-7T^3+T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2(1-16T+100T^2-318T^3+599T^4-762T^5+809T^6-762T^7+599T^8-318T^9+100T^{10}-16T^{11}+T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 382], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+2T^2-2T^3+T^4)(1-2T+2T^2-T^3+T^4)}{T^{9/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(1-6T+23T^2-58T^3+110T^4-152T^5+181T^6-184T^7+187T^8-184T^9+181T^{10}-152T^{11}+110T^{12}-58T^{13}+23T^{14}-6T^{15}+T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 383], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(1-T+2T^2-3T^3+2T^4-T^5+T^6)}{T^{9/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2(1-4T+10T^2-20T^3+40T^4-56T^5+86T^6-96T^7+111T^8-96T^9+86T^{10}-56T^{11}+40T^{12}-20T^{13}+10T^{14}-4T^{15}+T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 384], \right. \\ \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(5-13T+5T^2)}{T^{5/2}}, -\frac{(-1+T)^2(99-684T+1958T^2-3344T^3+3953T^4-3344T^5+1958T^6-684T^7+99T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 385], \right. \\ \left. \left\{ \frac{(-1+T)^2(2-8T+11T^2-8T^3+2T^4)}{T^3}, -\frac{(-1+T)^2(5-48T+191T^2-440T^3+688T^4-790T^5+688T^6-440T^7+191T^8-48T^9+5T^{10})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 386], \left\{ -\frac{(-1+T)^2(1-9T+13T^2-9T^3+T^4)}{T^3}, \frac{(-1+T)^2(1-22T+93T^2-142T^3+93T^4-22T^5+T^6)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 387], \right. \\ \left. \left\{ \frac{(-1+T)^2(4-6T+7T^2-6T^3+4T^4)}{T^3}, \frac{(-1+T)^2(54-256T+613T^2-1026T^3+1363T^4-1494T^5+1363T^6-1026T^7+613T^8-256T^9+54T^{10})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 388], \right. \\ \left. \left\{ \frac{(-1+T)^2(7-11T+7T^2)}{T^2}, -\frac{(-1+T)^2(63-405T+1188T^2-2080T^3+2387T^4-1825T^5+872T^6-216T^7+14T^8)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 389], \right. \\ \left. \left\{ -\frac{(-1+T)^2(1-7T+13T^2-7T^3+T^4)}{T^3}, -\frac{(-1+T)^2(1-7T+13T^2-7T^3+T^4)(1-6T+14T^2-15T^3+5T^4+8T^5-6T^6+T^7)}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 390], \right. \\ \left. \left\{ \frac{(-1+T)^2(1-7T+15T^2-7T^3+T^4)}{T^3}, \frac{(-1+T)^2(1-3T+T^2)(1-13T+70T^2-189T^3+260T^4-189T^5+70T^6-13T^7+T^8)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 391], \right. \\ \left. \left\{ \frac{(-1+T)^2(4-5T+5T^2-5T^3+4T^4)}{T^3}, \frac{(-1+T)^2(54-232T+493T^2-744T^3+937T^4-1014T^5+937T^6-744T^7+493T^8-232T^9+54T^{10})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 392], \left\{ \frac{(-1+T)^2(8-13T+8T^2)}{T^2}, \frac{2(-1+T)^2(84-416T+924T^2-1183T^3+924T^4-416T^5+84T^6)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 393], \left\{ \frac{(-1+T)^2(1-3T+3T^2-3T^3+3T^4-3T^5+T^6)}{T^4}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2(2-16T+52T^2-100T^3+141T^4-164T^5+171T^6-170T^7+171T^8-164T^9+141T^{10}-100T^{11}+52T^{12}-16T^{13}+2T^{14})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 394], \right. \\ \left. \left\{ \frac{(-2+T)(-1+T)^2(-1+2T)(1-T+T^2)}{T^3}, -\frac{(-1+T)^2(5-44T+157T^2-324T^3+464T^4-514T^5+464T^6-324T^7+157T^8-44T^9+5T^{10})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 395], \right. \\ \left. \left\{ -\frac{(-1+T)^2(1-7T+9T^2-7T^3+T^4)}{T^3}, \frac{2(-1+T)^2(1-16T+92T^2-260T^3+451T^4-535T^5+451T^6-260T^7+92T^8-16T^9+T^{10})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 396], \right. \\ \left. \left\{ \frac{(-1+T)^2(2-6T+7T^2-6T^3+2T^4)}{T^3}, -\frac{(-1+T)^2(5-40T+134T^2-268T^3+379T^4-418T^5+379T^6-268T^7+134T^8-40T^9+5T^{10})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 397], \left\{ \frac{(-1+T)^2(3-7T+3T^2)}{T^2}, -\frac{(-1+T)^2(5-36T+93T^2-122T^3+93T^4-36T^5+5T^6)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 398], \left\{ \frac{(-1+T)^4(1-2T+4T^2-2T^3+T^4)}{T^4}, \frac{(-1+T)^4(1-T+T^2)(1-9T+23T^2-34T^3+23T^4-9T^5+T^6)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 399], \left\{ -\frac{2(-1+T)^6}{T^3}, \frac{(-1+T)^6(-3+32T-97T^2+144T^3-133T^4+70T^5-19T^6+2T^7)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 400], \left\{ -\frac{(-1+T)^6(1+T^2)}{T^4}, -\frac{(-1+T)^6(1-T+T^2)(1-5T+8T^2-5T^3+6T^4-5T^5+8T^6-5T^7+T^8)}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 401], \left\{ -\frac{(-1+T)^6(1-T+T^2)}{T^2}, \frac{(-1+T)^6(3-17T+54T^2-109T^3+158T^4-180T^5+160T^6-110T^7+52T^8-15T^9+2T^{10})}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 402], \left\{ \frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(-1+2T-T^{3/2}-2T^2+T^3)(-1+2T+T^{3/2}-2T^2+T^3)}{T^{11/2}}, -\frac{(-1+T)^3(1-4T+8T^2-11T^3+8T^4-4T^5+T^6)(-1+3T+2T^2-9T^3+19T^4-18T^5+13T^6-7T^7+2T^8)}{2T^{11}} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 403], \left\{ -\frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(1-4T+8T^2-9T^3+8T^4-4T^5+T^6)}{T^{9/2}}, -\frac{(-1+T)^4(2-9T+14T^2+2T^3-36T^4+56T^5-50T^6+31T^7-36T^8+48T^9-46T^{10}+26T^{11}-8T^{12}+T^{13})}{2T^{10}} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 404], \left\{ \frac{(-1+T)^2(3-7T+13T^2-7T^3+3T^4)}{T^3}, \frac{(-1+T)^2(12-76T+267T^2-598T^3+954T^4-1114T^5+954T^6-598T^7+267T^8-76T^9+12T^{10})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 405], \left\{ -\frac{(-1+T)^2(3-7T+7T^2-7T^3+3T^4)}{T^3}, \frac{(-1+T)^4(21-94T+176T^2-248T^3+263T^4-248T^5+176T^6-94T^7+21T^8)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 406], \left\{ -\frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(-3+2T)(-2+3T)}{T^{5/2}}, -\frac{(-1+T)^4(36-252T+660T^2-793T^3+558T^4-164T^5+12T^6)}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 407], \left\{ \frac{(-1+T)^2(2-8T+9T^2-8T^3+2T^4)}{T^4}, \frac{(-1+T)^2(2-29T+177T^2-593T^3+1252T^4-1868T^5+2097T^6-1807T^7+1177T^8-550T^9+163T^{10}-27T^{11}+2T^{12})}{T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 408], \left\{ -\frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(1-7T+15T^2-7T^3+T^4)}{T^{9/2}}, -\frac{(-1+T)^2(-1+14T-94T^2+384T^3-1006T^4+1718T^5-1930T^6+1422T^7-656T^8+184T^9-29T^{10}+2T^{11})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 409], \left\{ -\frac{(-1+T)^2(1-T+T^2)^3}{T^4}, -\frac{(-1+T)^2(1-T+T^2)^2(1-4T+7T^2-5T^3-2T^4+3T^5-8T^6+18T^7-25T^8+16T^9-6T^{10}+T^{11})}{T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 410], \left\{ \frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(1-T+T^2)(1-2T+T^2-2T^3+T^4)}{T^{9/2}}, -\frac{(-1+T)^4(5-30T+75T^2-130T^3+184T^4-214T^5+229T^6-214T^7+184T^8-130T^9+75T^{10}-30T^{11}+5T^{12})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 411], \left\{ \frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(2-6T+7T^2-6T^3+2T^4)}{T^{7/2}}, \frac{(-1+T)^4(4-54T+238T^2-540T^3+816T^4-927T^5+794T^6-514T^7+222T^8-50T^9+4T^{10})}{2T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 412], \left\{ \frac{(-1+T)^2(3-11T+17T^2-11T^3+3T^4)}{T^3}, -\frac{(-1+T)^3(-3+20T-53T^2+44T^3+111T^4-405T^5+665T^6-724T^7+570T^8-324T^9+124T^{10}-29T^{11}+3T^{12})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 413], \left\{ \frac{(-1+T)^2(4-6T+9T^2-6T^3+4T^4)}{T^3}, \frac{(-1+T)^2(54-256T+663T^2-1200T^3+1662T^4-1842T^5+1662T^6-1200T^7+663T^8-256T^9+54T^{10})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 414], \left\{ \frac{(-1+T)^2(1-3T+3T^2-5T^3+3T^4-3T^5+T^6)}{T^4}, -\frac{(-1+T)^2(2-16T+52T^2-104T^3+163T^4-212T^5+240T^6-246T^7+240T^8-212T^9+163T^{10}-104T^{11}+52T^{12}-16T^{13}+2T^{14})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 415], \left\{ \frac{(-1+T)^2 (1-3T+T^2) (2-T+2T^2)}{T^3}, - \frac{(-1+T)^2 (5-44T+153T^2-296T^3+393T^4-418T^5+393T^6-296T^7+153T^8-44T^9+5T^{10})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 416], \left\{ \frac{(-1+T)^2 (1-7T+13T^2-7T^3+T^4)}{T^3}, \frac{(-1+T)^4 (1-14T+69T^2-156T^3+187T^4-156T^5+69T^6-14T^7+T^8)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 417], \left\{ \frac{(-1+T)^2 (2-5T+3T^2-5T^3+2T^4)}{T^3}, - \frac{(-1+T)^2 (5-36T+98T^2-148T^3+170T^4-174T^5+170T^6-148T^7+98T^8-36T^9+5T^{10})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 418], \left\{ \frac{(-1+T)^2 (4-11T+4T^2)}{T^2}, - \frac{(-1+T)^2 (8-64T+183T^2-250T^3+183T^4-64T^5+8T^6)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 419], \left\{ \frac{(-2+T) (-1+T)^2 (-1+2T) (1-T+T^2)}{T^4}, - \frac{(-1+T)^3 (2-26T+131T^2-351T^3+592T^4-701T^5+617T^6-410T^7+194T^8-56T^9+7T^{10})}{T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 420], \left\{ - \frac{(-1+T)^2 (1-3T+5T^2-5T^3+5T^4-3T^5+T^6)}{T^4}, - \frac{(-1+T)^2 (1-8T+30T^2-72T^3+118T^4-146T^5+149T^6-148T^7+149T^8-146T^9+118T^{10}-72T^{11}+30T^{12}-8T^{13}+T^{14})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 421], \left\{ \frac{5(-1+T)^2 (2-3T+2T^2)}{T^2}, \frac{(-1+T)^2 (269-1270T+2742T^2-3478T^3+2742T^4-1270T^5+269T^6)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 422], \left\{ - \frac{(-1+T)^2 (3-9T+11T^2-9T^3+3T^4)}{T^3}, \frac{(-1+T)^4 (21-118T+279T^2-438T^3+493T^4-438T^5+279T^6-118T^7+21T^8)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 423], \left\{ \frac{(-1+T)^2 (2-10T+13T^2-10T^3+2T^4)}{T^3}, - \frac{(-1+T)^2 (5-56T+250T^2-598T^3+930T^4-1058T^5+930T^6-598T^7+250T^8-56T^9+5T^{10})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 424], \left\{ \frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (1-7T+17T^2-7T^3+T^4)}{T^{9/2}}, \frac{(-1+T)^2 (1-14T+94T^2-338T^3+658T^4-674T^5+466T^6-254T^7+82T^8-14T^9+T^{10})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 425], \left\{ \frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (2-8T+11T^2-8T^3+2T^4)}{T^{9/2}}, \frac{(-1+T)^4 (4-54T+278T^2-736T^3+1190T^4-1335T^5+1084T^6-634T^7+242T^8-50T^9+4T^{10})}{2T^{10}} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 426], \left\{ - \frac{(-1+T)^2 (1-T+T^2) (1-3T+5T^2-3T^3+T^4)}{T^4}, \frac{(-1+T)^4 (1-3T+5T^2-3T^3+T^4) (1-5T+13T^2-19T^3+22T^4-19T^5+13T^6-5T^7+T^8)}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 427], \left\{ \frac{(-2+T) (-1+T)^2 (-1+2T) (1-T+T^2)}{T^3}, \frac{(-1+T)^2 (3-26T+95T^2-190T^3+252T^4-272T^5+252T^6-190T^7+95T^8-26T^9+3T^{10})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 428], \left\{ \frac{(-1+T)^2 (1-T+T^2) (1-3T+3T^2-3T^3+T^4)}{T^4}, \frac{(-1+T)^2 (1-6T+25T^2-68T^3+116T^4-140T^5+116T^6-68T^7+25T^8-6T^9+T^{10})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 429], \left\{ \frac{(-1+T)^2 (1-3T+T^2) (2-3T+2T^2)}{T^3}, - \frac{(-1+T)^2 (1-3T+T^2) (5-39T+132T^2-247T^3+302T^4-247T^5+132T^6-39T^7+5T^8)}{T^6} \right\} \right\}$$

$$\begin{aligned}
& \{ \text{Link}[11, \text{Alternating}, 430], \\
& \left\{ \frac{(-1+\sqrt{T})^4 (1+\sqrt{T})^4 (1-T+T^2)^2}{T^{5/2}}, \frac{(-1+T)^6 (1-T+T^2) (-2+9T-21T^2+33T^3-48T^4+48T^5-28T^6+7T^7-3T^8+T^9)}{2T^6} \right\} \\
& \{ \text{Link}[11, \text{Alternating}, 431], \\
& \left\{ -\frac{(-1+T)^4 (1-2T+T^2-2T^3+T^4)}{T^3}, -\frac{(-1+T)^6 (1-7T+15T^2-16T^3+17T^4-19T^5+17T^6-22T^7+18T^8-7T^9+T^{10})}{T^6} \right\} \\
& \{ \text{Link}[11, \text{Alternating}, 432], \\
& \left\{ -\frac{(-1+T)^4 (1-T+T^2)^2}{T^4}, \frac{(-1+T)^4 (1-3T+T^2) (1-T+T^2) (1-4T+11T^2-14T^3+16T^4-14T^5+11T^6-4T^7+T^8)}{T^8} \right\} \\
& \{ \text{Link}[11, \text{Alternating}, 433], \left\{ -\frac{(-1+T)^4 (2-3T+2T^2)}{T^3}, \frac{(-1+T)^4 (1-8T+33T^2-84T^3+112T^4-84T^5+33T^6-8T^7+T^8)}{T^6} \right\} \} \\
& \{ \text{Link}[11, \text{Alternating}, 434], \left\{ -\frac{(-2+T) (-1+T)^4 (-1+2T)}{T^3}, -\frac{(-1+T)^8 (1+T^2) (1-4T+T^2)}{T^6} \right\} \} \\
& \{ \text{Link}[11, \text{Alternating}, 435], \\
& \left\{ \frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (1-9T+12T^2-9T^3+T^4)}{T^{7/2}}, \frac{(-1+T)^4 (-5+90T-523T^2+1182T^3-1624T^4+1464T^5-835T^6+254T^7-37T^8+2T^9)}{2T^7} \right\} \\
& \{ \text{Link}[11, \text{Alternating}, 436], \\
& \left\{ -\frac{(-1+T)^4 (3-T+3T^2)}{T^3}, \frac{(-1+T)^4 (-3+25T-80T^2+143T^3-189T^4+186T^5-167T^6+107T^7-50T^8+5T^9+3T^{10})}{T^7} \right\} \\
& \{ \text{Link}[11, \text{Alternating}, 437], \left\{ -\frac{5(-1+T)^4}{T^2}, -\frac{(-1+T)^4 (25-146T+325T^2-368T^3+255T^4-76T^5+5T^6)}{T^5} \right\} \} \\
& \{ \text{Link}[11, \text{Alternating}, 438], \left\{ -\frac{(-1+T)^6 (1+T^2)}{T^4}, -\frac{(-1+T)^6 (1-6T+18T^2-30T^3+33T^4-40T^5+33T^6-30T^7+18T^8-6T^9+T^{10})}{T^8} \right\} \} \\
& \{ \text{Link}[11, \text{Alternating}, 439], \\
& \left\{ \frac{(-1+T)^6 (1+T^2)}{T^4}, -\frac{(-1+T)^6 (2-12T+31T^2-50T^3+67T^4-68T^5+67T^6-50T^7+31T^8-12T^9+2T^{10})}{T^8} \right\} \\
& \{ \text{Link}[11, \text{Alternating}, 440], \\
& \left\{ -\frac{(-1+T)^2 (3-7T+5T^2-7T^3+3T^4)}{T^3}, \frac{(-1+T)^2 (21-136T+361T^2-592T^3+756T^4-818T^5+756T^6-592T^7+361T^8-136T^9+21T^{10})}{T^6} \right\} \\
& \{ \text{Link}[11, \text{Alternating}, 441], \\
& \left\{ -\frac{(-1+T)^2 (3-7T+9T^2-7T^3+3T^4)}{T^3}, \frac{(-1+T)^2 (3-16T+53T^2-156T^3+306T^4-382T^5+306T^6-156T^7+53T^8-16T^9+3T^{10})}{T^6} \right\} \\
& \{ \text{Link}[11, \text{Alternating}, 442], \left\{ \frac{(-1+T)^2 (1-3T+T^2-3T^3+T^4-3T^5+T^6)}{T^4}, \right. \\
& \left. -\frac{2(-1+T)^2 (1-8T+23T^2-34T^3+41T^4-44T^5+43T^6-41T^7+43T^8-44T^9+41T^{10}-34T^{11}+23T^{12}-8T^{13}+T^{14})}{T^8} \right\} \} \\
& \{ \text{Link}[11, \text{Alternating}, 443], \\
& \left\{ \frac{(-1+T)^2 (2-7T+5T^2-7T^3+2T^4)}{T^3}, -\frac{(-1+T)^2 (5-44T+145T^2-248T^3+300T^4-310T^5+300T^6-248T^7+145T^8-44T^9+5T^{10})}{T^6} \right\} \\
& \{ \text{Link}[11, \text{Alternating}, 444], \\
& \left\{ \frac{(-1+T)^2 (2-8T+7T^2-8T^3+2T^4)}{T^3}, -\frac{(-1+T)^2 (5-48T+179T^2-356T^3+488T^4-530T^5+488T^6-356T^7+179T^8-48T^9+5T^{10})}{T^6} \right\} \\
& \{ \text{Link}[11, \text{Alternating}, 445], \left\{ \frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (2-8T+11T^2-8T^3+2T^4)}{T^{7/2}}, \right. \\
& \left. -\frac{(-1+T)^2 (-4+54T-314T^2+1026T^3-2130T^4+3061T^5-3232T^6+2561T^7-1498T^8+598T^9-140T^{10}+14T^{11})}{2T^8} \right\} \}
\end{aligned}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 446], \left\{ -\frac{(-1+T)^2 (1-3T+5T^2-5T^3+5T^4-3T^5+T^6)}{T^4}, \right. \right. \\ \left. \left. \frac{(-1+T)^2 (-1+7T-25T^2+65T^3-131T^4+204T^5-252T^6+268T^7-266T^8+248T^9-217T^{10}+161T^{11}-90T^{12}+34T^{13}-8T^{14}+T^{15})}{T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 447], \left\{ -\frac{(-1+T)^2 (1-3T+5T^2-5T^3+5T^4-3T^5+T^6)}{T^4}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2 (1-5T+11T^2-12T^3+4T^4+T^5+7T^6-18T^7+6T^8+32T^9-74T^{10}+86T^{11}-63T^{12}+29T^{13}-8T^{14}+T^{15})}{T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 448], \left\{ \frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (1-3T+3T^2-3T^3+3T^4-3T^5+T^6)}{T^{9/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2 (5-40T+132T^2-256T^3+366T^4-444T^5+482T^6-494T^7+482T^8-444T^9+366T^{10}-256T^{11}+132T^{12}-40T^{13}+5T^{14})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 449], \left\{ \frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (-1-\sqrt{T}+T^{3/2}) (1-\sqrt{T}+T^{3/2}) (1-T+T^{3/2}) (-1+T+T^{3/2})}{T^{9/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2 (-1+T-2T^2+T^3) (-1+2T-T^2+T^3) (1-5T+8T^2-12T^3+12T^4-12T^5+8T^6-5T^7+T^8)}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 450], \left\{ \frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (-2+T) (-1+2T) (1-T+T^2)}{T^{7/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2 (14-124T+459T^2-984T^3+1452T^4-1638T^5+1452T^6-984T^7+459T^8-124T^9+14T^{10})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 451], \left\{ \frac{(-1+T)^2 (3-11T+3T^2)}{T^2}, -\frac{(-1+T)^2 (5-44T+141T^2-198T^3+141T^4-44T^5+5T^6)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 452], \right. \\ \left. \left\{ \frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (2-5T+5T^2-5T^3+2T^4)}{T^{7/2}}, -\frac{(-1+T)^2 (10-68T+185T^2-292T^3+338T^4-342T^5+338T^6-292T^7+185T^8-68T^9+10T^{10})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 453], \right. \\ \left. \left\{ -\frac{(-1+T)^2 (1-T+T^2)^3}{T^4}, -\frac{(-1+T)^2 (1-T+T^2)^2 (1-3T+2T^2+5T^3-14T^4+14T^5-14T^6+21T^7-25T^8+16T^9-6T^{10}+T^{11})}{T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 454], \left\{ -\frac{(-1+T)^2 (1-9T+17T^2-9T^3+T^4)}{T^3}, \frac{(-1+T)^2 (5-46T+161T^2-242T^3+161T^4-46T^5+5T^6)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 455], \left\{ \frac{(-1+T)^2 (4-13T+4T^2)}{T^2}, -\frac{2(-1+T)^2 (4-36T+114T^2-161T^3+114T^4-36T^5+4T^6)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 456], \right. \\ \left. \left\{ -\frac{(-1+T)^2 (2-7T+11T^2-7T^3+2T^4)}{T^3}, -\frac{(-1+T)^2 (4-23T+57T^2-69T^3+13T^4+90T^5-166T^6+162T^7-102T^8+41T^9-10T^{10}+T^{11})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 457], \right. \\ \left. \left\{ \frac{(-1+T)^2 (1-9T+15T^2-9T^3+T^4)}{T^3}, \frac{(-1+T)^2 (-1+15T-84T^2+251T^3-470T^4+610T^5-644T^6+574T^7-358T^8+123T^9-19T^{10}+T^{11})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 458], \left\{ -\frac{(-1+T)^2 (1-T+T^2) (1-3T+5T^2-3T^3+T^4)}{T^4}, \right. \right. \\ \left. \left. \frac{(-1+T)^2 (1-3T+5T^2-3T^3+T^4) (-1+7T-24T^2+56T^3-93T^4+114T^5-111T^6+86T^7-54T^8+24T^9-7T^{10}+T^{11})}{T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 459], \left\{ \frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (1-T+T^2) (1-3T+3T^2-3T^3+T^4)}{T^{9/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2 (1-10T+45T^2-126T^3+243T^4-350T^5+416T^6-434T^7+416T^8-350T^9+243T^{10}-126T^{11}+45T^{12}-10T^{13}+T^{14})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 460], \right. \\ \left. \left\{ \frac{(-1+T)^2 (1-3T+T^2) (2-3T+2T^2)}{T^3}, -\frac{(-1+T)^2 (1-3T+T^2) (5-39T+128T^2-229T^3+276T^4-229T^5+128T^6-39T^7+5T^8)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 461], \left\{ \frac{(-1+T)^2 (1-3T+T^2) (1-T+T^2-T^3+T^4)}{T^4}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2 (1-3T+T^2) (1-T+T^2) (2-12T+27T^2-30T^3+35T^4-38T^5+35T^6-30T^7+27T^8-12T^9+2T^{10})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 462], \left\{ \frac{(-1+T)^2 (1-T+T^2) (1-3T+3T^2-3T^3+T^4)}{T^4}, \right. \right. \\ \left. \left. \frac{(-1+T)^2 (2-20T+91T^2-256T^3+519T^4-824T^5+1064T^6-1158T^7+1064T^8-824T^9+519T^{10}-256T^{11}+91T^{12}-20T^{13}+2T^{14})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 463], \right. \\ \left\{ \frac{(-2+T) (-1+T)^2 (-1+2T) (1-T+T^2)}{T^3}, - \frac{(-1+T)^2 (5-46T+183T^2-416T^3+634T^4-726T^5+634T^6-416T^7+183T^8-46T^9+5T^{10})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 464], \left\{ - \frac{2(-1+\sqrt{T})^6 (1+\sqrt{T})^6}{T^{5/2}}, \frac{(-1+T)^9 (-3+2T) (-1+5T-3T^2+T^3)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 465], \left\{ \frac{(-1+T)^4 (2-3T+2T^2)}{T^3}, \frac{2(-1+T)^6 (1-8T+28T^2-49T^3+61T^4-54T^5+33T^6-10T^7+T^8)}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 466], \right. \\ \left\{ \frac{(-1+\sqrt{T})^4 (1+\sqrt{T})^4 (2-3T+2T^2)}{T^{9/2}}, - \frac{(-1+T)^4 (4-48T+222T^2-597T^3+1012T^4-1172T^5+936T^6-507T^7+170T^8-32T^9+4T^{10})}{2T^{10}} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 467], \right. \\ \left\{ - \frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (1-8T+16T^2-8T^3+T^4)}{T^{7/2}}, - \frac{(-1+T)^4 (1-20T+134T^2-394T^3+604T^4-576T^5+278T^6-62T^7+5T^8)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 468], \right. \\ \left\{ - \frac{(-1+T)^2 (3-6T+4T^2-6T^3+3T^4)}{T^3}, \frac{(-1+T)^3 (3-30T+98T^2-163T^3+203T^4-206T^5+190T^6-160T^7+122T^8-57T^9+3T^{10}+3T^{11})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 469], \left\{ - \frac{2(-1+T)^2 (3-7T+3T^2)}{T^2}, \frac{(-1+T)^3 (12-103T+313T^2-439T^3+327T^4-91T^5-25T^6+12T^7)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 470], \right. \\ \left\{ - \frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (3-8T+8T^2-8T^3+3T^4)}{T^{9/2}}, - \frac{(-1+T)^3 (33-191T+446T^2-668T^3+778T^4-764T^5+648T^6-440T^7+211T^8-55T^9+6T^{10})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 471], \left\{ - \frac{(-2+T) (-1+T)^4 (-1+2T)}{T^3}, - \frac{(-1+T)^4 (1-8T+24T^2-44T^3+56T^4-44T^5+24T^6-8T^7+T^8)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 472], \right. \\ \left\{ - \frac{(-1+T)^4 (1-2T+T^2-2T^3+T^4)}{T^4}, - \frac{(-1+T)^4 (1-8T+26T^2-48T^3+57T^4-52T^5+50T^6-52T^7+57T^8-48T^9+26T^{10}-8T^{11}+T^{12})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 473], \right. \\ \left\{ \frac{(-1+\sqrt{T})^4 (1+\sqrt{T})^4 (1-T+3T^2-T^3+T^4)}{T^{7/2}}, - \frac{(-1+T)^4 (1+T) (-1+5T-20T^2+48T^3-84T^4+106T^5-104T^6+76T^7-46T^8+20T^9-7T^{10}+T^{11})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 474], \left\{ \frac{(-1+\sqrt{T})^4 (1+\sqrt{T})^4 (1-T+T^2-T^3+T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. - \frac{(-1+T)^4 (3-20T+53T^2-92T^3+126T^4-142T^5+154T^6-160T^7+148T^8-114T^9+73T^{10}-30T^{11}+5T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 475], \right. \\ \left\{ - \frac{(-1+\sqrt{T})^4 (1+\sqrt{T})^4 (-1-2\sqrt{T}+T) (-1+2\sqrt{T}+T)}{T^{9/2}}, \frac{(-1+T)^4 (1-6T+T^2) (1-2T-T^2-19T^4+20T^5-9T^6+2T^7)}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 476], \left\{ \frac{(-1+\sqrt{T})^4 (1+\sqrt{T})^4 (1-T+T^2)^2}{T^{7/2}}, - \frac{(-1+T)^4 (1-T+T^2)^3 (-1+3T-9T^2+12T^3-9T^4-T^5+T^6)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 477], \right. \\ \left\{ \frac{(-1+T)^4 (1-T+T^2-T^3+T^4)}{T^4}, \frac{(-1+T)^4 (2-12T+33T^2-54T^3+72T^4-80T^5+84T^6-80T^7+72T^8-54T^9+33T^{10}-12T^{11}+2T^{12})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 478], \left\{ \frac{(-1+T)^4 (2-3T+2T^2)}{T^3}, \frac{(-1+T)^4 (5-34T+104T^2-178T^3+212T^4-178T^5+104T^6-34T^7+5T^8)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 479], \left\{ - \frac{2(-1+T)^6}{T^3}, - \frac{(-1+T)^6 (7-30T+43T^2-34T^3+33T^4-18T^5+3T^6)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 480], \left\{ -\frac{(-1+T)^6(1+T^2)}{T^4}, \frac{(-1+T)^6(-1+3T-4T^2+12T^3-23T^4+22T^5-19T^6+5T^7+T^8)}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 481], \left\{ \frac{(-1+T)^2(2-9T+10T^2-9T^3+2T^4)}{T^4}, \frac{(-1+T)^3(-2+24T-128T^2+389T^3-736T^4+984T^5-990T^6+739T^7-396T^8+130T^9-24T^{10}+2T^{11})}{T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 482], \left\{ \frac{(-2+T)(-1+T)^4(-1+2T)}{T^3}, \frac{(-1+T)^4(1-T+T^2)(5-37T+111T^2-162T^3+111T^4-37T^5+5T^6)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 483], \left\{ \frac{(-1+\sqrt{T})^4(1+\sqrt{T})^4(3-4T+3T^2)}{T^{5/2}}, \frac{(-1+T)^4(-51+392T-1292T^2+2534T^3-3374T^4+3140T^5-2036T^6+862T^7-215T^8+24T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 484], \left\{ -\frac{(-1+\sqrt{T})^6(1+\sqrt{T})^6(1+T^2)}{T^{5/2}}, -\frac{(-1+T)^{10}(2-T+2T^2-7T^3-5T^4+4T^5+T^6+T^7)}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 485], \left\{ \frac{(-1+T)^6(1-T+T^2)}{T^3}, -\frac{(-1+T)^8(-1+3T-7T^2+18T^3-24T^4+25T^5-17T^6+11T^7-5T^8+T^9)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 486], \left\{ \frac{(-1+T)^4(3-4T+3T^2)}{T^2}, \frac{(-1+T)^4(3-31T+174T^2-523T^3+972T^4-1232T^5+1084T^6-659T^7+257T^8-59T^9+6T^{10})}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 487], \left\{ -\frac{(-1+T)^6(1-T+T^2)}{T^3}, -\frac{(-1+T)^8(-1+5T-14T^2+22T^3-30T^4+32T^5-27T^6+15T^7-5T^8+T^9)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 488], \left\{ -\frac{(-1+\sqrt{T})^4(1+\sqrt{T})^4(3-2T+3T^2)}{T^{5/2}}, -\frac{(-1+T)^4(33-182T+448T^2-756T^3+924T^4-866T^5+576T^6-260T^7+51T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 489], \left\{ -\frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(3-6T+10T^2-6T^3+3T^4)}{T^{5/2}}, \frac{(-1+T)^3(6-18T+53T^2-117T^3+228T^4-344T^5+462T^6-536T^7+500T^8-338T^9+153T^{10}-39T^{11}+6T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 490], \left\{ \frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(1-9T+12T^2-9T^3+T^4)}{T^{7/2}}, \frac{(-1+T)^4(-5+90T-525T^2+1206T^3-1702T^4+1554T^5-891T^6+260T^7-37T^8+2T^9)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 491], \left\{ -\frac{(-1+T)^4(3-T+3T^2)}{T^3}, \frac{(-1+T)^4(-3+25T-83T^2+147T^3-196T^4+193T^5-171T^6+110T^7-50T^8+5T^9+3T^{10})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 492], \left\{ \frac{(-1+T)^4(1-T+T^2)^2}{T^4}, -\frac{2(-1+T)^6(1-T+T^2)^3}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 493], \left\{ \frac{(-1+\sqrt{T})^4(1+\sqrt{T})^4(1-T+T^2)^2}{T^{7/2}}, -\frac{(-1+T)^4(1-T+T^2)^2(-2+9T-40T^2+91T^3-126T^4+138T^5-114T^6+77T^7-30T^8+5T^9)}{2T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 494], \left\{ -\frac{(-1+T)^6(1+T^2)}{T^4}, \frac{(-1+T)^8(1+T+T^2)(1-5T+13T^2-14T^3+13T^4-5T^5+T^6)}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 495], \left\{ -\frac{2(-1+T)^6}{T^3}, \frac{(-1+T)^8(1-4T+18T^2-4T^3+T^4)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 496], \left\{ \frac{(-1+\sqrt{T})^4(1+\sqrt{T})^4(1-T+T^2-T^3+T^4)}{T^{7/2}}, -\frac{(-1+T)^6(3-14T+22T^2-34T^3+34T^4-40T^5+40T^6-40T^7+28T^8-20T^9+5T^{10})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 497], \left\{ \frac{(-1+\sqrt{T})^4(1+\sqrt{T})^4(1-T+3T^2-T^3+T^4)}{T^{11/2}}, -\frac{(-1+T)^4(-1+4T-17T^2+44T^3-114T^4+190T^5-274T^6+278T^7-236T^8+160T^9-87T^{10}+38T^{11}-11T^{12}+2T^{13})}{2T^{11}} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 498], \left\{ -\frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(3-7T+12T^2-7T^3+3T^4)}{T^{5/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^3(6-26T+85T^2-199T^3+377T^4-549T^5+698T^6-754T^7+649T^8-407T^9+171T^{10}-41T^{11}+6T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 499], \right. \\ \left. \left\{ \frac{(-1+\sqrt{T})^4(1+\sqrt{T})^4(2-3T+2T^2)}{T^{5/2}}, -\frac{(-1+T)^6(4-20T+34T^2-45T^3+14T^4+23T^5-32T^6+6T^7)}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 500], \right. \\ \left. \left\{ \frac{(-1+T)^2(2-11T+14T^2-11T^3+2T^4)}{T^4}, -\frac{(-1+T)^3(-2+18T-39T^2-64T^3+375T^4-760T^5+964T^6-800T^7+415T^8-110T^9+11T^{10})}{T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 501], \left\{ -\frac{(-1+T)^2(2-7T+11T^2-7T^3+2T^4)}{T^4}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2(5-47T+216T^2-608T^3+1175T^4-1639T^5+1709T^6-1348T^7+810T^8-364T^9+116T^{10}-23T^{11}+2T^{12})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 502], \left\{ \frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(2-\sqrt{T}-T-T^{3/2}+2T^2)(2+\sqrt{T}-T+T^{3/2}+2T^2)}{T^{7/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2(1-T+T^2)(16-148T+412T^2-707T^3+963T^4-1076T^5+951T^6-693T^7+396T^8-130T^9+8T^{10})}{2T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 503], \left\{ -\frac{(-1+T)^2(1-3T+5T^2-5T^3+5T^4-3T^5+T^6)}{T^5}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(-3+19T-71T^2+169T^3-287T^4+360T^5-352T^6+273T^7-177T^8+99T^9-49T^{10}+20T^{11}-6T^{12}+T^{13})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 504], \left\{ \frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(2-2T+4T^2-3T^3+4T^4-2T^5+2T^6)}{T^{9/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2(4-50T+176T^2-410T^3+740T^4-1118T^5+1464T^6-1697T^7+1760T^8-1645T^9+1376T^{10}-1022T^{11}+662T^{12}-362T^{13}+156T^{14}-46T^{15}+4T^{16})}{2T^{10}} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 505], \left\{ -\frac{(-1+T)^2(1-5T+9T^2-11T^3+9T^4-5T^5+T^6)}{T^4}, \right. \right. \\ \left. \left. -\frac{(-1+T)^4(1-10T+42T^2-104T^3+175T^4-222T^5+245T^6-222T^7+175T^8-104T^9+42T^{10}-10T^{11}+T^{12})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 506], \right. \\ \left. \left\{ -\frac{(-1+T)^2(1-T+T^2)(1-3T+5T^2-3T^3+T^4)}{T^4}, -\frac{(-1+T)^6(1-3T+5T^2-3T^3+T^4)(1-3T+2T^2-2T^3+2T^4-3T^5+T^6)}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 507], \right. \\ \left. \left\{ \frac{(-1+T)^2(2-8T+13T^2-8T^3+2T^4)}{T^3}, -\frac{(-1+T)^4(5-40T+142T^2-276T^3+339T^4-276T^5+142T^6-40T^7+5T^8)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 508], \right. \\ \left. \left\{ -\frac{(-1+T)^2(2-8T+11T^2-8T^3+2T^4)}{T^3}, -\frac{(-1+T)^4(1-3T+T^2)(1-5T+22T^2-37T^3+22T^4-5T^5+T^6)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 509], \left\{ \frac{(-1+T)^2(-1+2T-3T^2+T^3)(-1+3T-2T^2+T^3)}{T^3}, \right. \right. \\ \left. \left. \frac{(-1+T)^3(1-11T+56T^2-182T^3+412T^4-673T^5+807T^6-708T^7+451T^8-203T^9+61T^{10}-11T^{11}+T^{12})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 510], \right. \\ \left. \left\{ \frac{(-1+T)^2(1-T+T^2)(1-2T-2T^3+T^4)}{T^4}, -\frac{(-1+T)^4(2-12T+26T^2-36T^3+48T^4-48T^5+49T^6-48T^7+48T^8-36T^9+26T^{10}-12T^{11}+2T^{12})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 511], \right. \\ \left. \left\{ \frac{(-1+T)^2(2-7T+8T^2-7T^3+2T^4)}{T^3}, -\frac{(-1+T)^4(5-34T+82T^2-104T^3+109T^4-104T^5+82T^6-34T^7+5T^8)}{T^6} \right\} \right\}$$

$$\begin{aligned}
& \left\{ \text{Link}[11, \text{Alternating}, 512], \right. \\
& \quad \left. \left\{ -\frac{(-1+T)^2 (3-8T+8T^2-8T^3+3T^4)}{T^3}, \frac{(-1+T)^4 (21-106T+218T^2-322T^3+351T^4-322T^5+218T^6-106T^7+21T^8)}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 513], \left\{ \frac{(-1+T)^2 (1+T^2)^2 (1-3T+T^2)}{T^4}, \frac{2(-1+T)^2 (1+T^2) (1-3T+T^2) (3-4T+3T^2)}{T^4} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 514], \right. \\
& \quad \left. \left\{ \frac{(-1+T)^2 (2-7T+6T^2-7T^3+2T^4)}{T^3}, \frac{(-1+T)^2 (3-28T+99T^2-178T^3+204T^4-208T^5+204T^6-178T^7+99T^8-28T^9+3T^{10})}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 515], \left\{ -\frac{(-1+T)^2 (1-3T+5T^2-4T^3+5T^4-3T^5+T^6)}{T^4}, \right. \right. \\
& \quad \left. \left. -\frac{(-1+T)^3 (-1+4T-5T^2-4T^3+20T^4-24T^5+19T^6-16T^7+23T^8-39T^9+53T^{10}-45T^{11}+23T^{12}-7T^{13}+T^{14})}{T^9} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 516], \left\{ -\frac{3(-1+T)^4 (1-T+T^2)}{T^3}, \frac{(-1+T)^4 (3-16T+60T^2-146T^3+192T^4-146T^5+60T^6-16T^7+3T^8)}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 517], \right. \\
& \quad \left. \left\{ \frac{(-1+T)^4 (1-2T+5T^2-2T^3+T^4)}{T^4}, \frac{(-1+T)^4 (4-16T+43T^2-76T^3+96T^4-76T^5+43T^6-16T^7+4T^8)}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 518], \right. \\
& \quad \left. \left\{ \frac{(-1+T)^2 (2-5T+2T^2-5T^3+2T^4)}{T^3}, -\frac{(-1+T)^2 (1-T+T^2) (3-17T+26T^2-5T^3-6T^4-5T^5+26T^6-17T^7+3T^8)}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 519], \left\{ \frac{(-1+T)^4 (1-T+T^2)^2}{T^5}, -\frac{(-1+T)^4 (1-T+T^2) (-2+6T-18T^2+28T^3-25T^4+14T^5-6T^6+T^7)}{T^8} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 520], \right. \\
& \quad \left. \left\{ \frac{(-1+T)^4 (1-3T+6T^2-3T^3+T^4)}{T^4}, \frac{(-1+T)^4 (3-20T+65T^2-126T^3+160T^4-126T^5+65T^6-20T^7+3T^8)}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 521], \left\{ \frac{(-1+T)^4 (1-2T+T^2-2T^3+T^4)}{T^4}, \right. \right. \\
& \quad \left. \left. -\frac{(-1+T)^2 (2-20T+88T^2-226T^3+401T^4-564T^5+669T^6-708T^7+669T^8-564T^9+401T^{10}-226T^{11}+88T^{12}-20T^{13}+2T^{14})}{T^8} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 522], \right. \\
& \quad \left. \left\{ \frac{(-1+T)^2 (1-4T+8T^2-12T^3+8T^4-4T^5+T^6)}{T^4}, -\frac{(-1+T)^4 (2-10T+28T^2-52T^3+63T^4-52T^5+28T^6-10T^7+2T^8)}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 523], \right. \\
& \quad \left. \left\{ \frac{(-1+T)^2 (1-4T+6T^2-10T^3+6T^4-4T^5+T^6)}{T^4}, -\frac{(-1+T)^2 (2-19T+68T^2-123T^3+152T^4-123T^5+68T^6-19T^7+2T^8)}{T^5} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 524], \right. \\
& \quad \left. \left\{ \frac{(-1+T)^2 (1-T+T^2) (1-4T+4T^2-4T^3+T^4)}{T^4}, -\frac{(-1+T)^4 (1-8T+27T^2-54T^3+65T^4-54T^5+27T^6-8T^7+T^8)}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 525], \right. \\
& \quad \left. \left\{ -\frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (7-16T+7T^2)}{T^{5/2}}, \frac{(-1+T)^3 (-14+61T-187T^2+664T^3-1168T^4+1029T^5-473T^6+84T^7)}{2T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 526], \left\{ \frac{2(-1+T)^4 (1-3T+T^2)}{T^3}, \frac{(-1+T)^4 (1-3T+T^2) (5-31T+63T^2-70T^3+63T^4-31T^5+T^6)}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 527], \right. \\
& \quad \left. \left\{ \frac{(-1+T)^2 (3-8T+12T^2-8T^3+3T^4)}{T^3}, \frac{(-1+T)^4 (12-60T+166T^2-260T^3+313T^4-260T^5+166T^6-60T^7+12T^8)}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{Alternating}, 528], \left\{ \frac{3(-1+T)^4 (1+T^2)}{T^3}, -\frac{(-1+T)^4 (6-22T+19T^2-4T^3-10T^4-4T^5+19T^6-22T^7+6T^8)}{T^6} \right\} \right\}
\end{aligned}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 529], \left\{ \frac{4(-1+T)^2(3-4T+3T^2)}{T^2}, \frac{2(-1+T)^2(199-872T+1812T^2-2274T^3+1812T^4-872T^5+199T^6)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 530], \left\{ -\frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(1-4T+T^2)^2}{T^{7/2}}, -\frac{(-1+T)^2(1-4T+T^2)(3-38T+180T^2-436T^3+600T^4-502T^5+236T^6-56T^7+5T^8)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 531], \left\{ \frac{(-1+T)^3(5-6T+5T^2)}{T^3}, \frac{(-1+T)^4(35-140T+276T^2-345T^3+299T^4-156T^5+34T^6+5T^7)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 532], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-4T+4T^2-4T^3+T^4)}{T^{7/2}}, -\frac{(-1+T)^4(1-10T+33T^2-44T^3+24T^4+24T^6-44T^7+33T^8-10T^9+T^{10})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 533], \left\{ \frac{2(-1+\sqrt{T})^3(1+\sqrt{T})^3(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)}{T^{5/2}}, \frac{(-1+T)^4(1-3T+T^2)(1-3T+8T^2-3T^3+T^4)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 534], \left\{ -\frac{(-1+T)^3(4-9T+4T^2)}{T^3}, \frac{(-1+T)^5(-10+43T-57T^2+63T^3-38T^4-3T^5+4T^6)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 535], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-4T+T^2-4T^3+T^4)}{T^{7/2}}, -\frac{(-1+T)^4(1-T+T^2)(1-T^2+T^4)(1-9T+24T^2-9T^3+T^4)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 536], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-9T+2T^2)}{T^{5/2}}, \frac{(-1+T)^4(2-24T+87T^2-138T^3+87T^4-24T^5+2T^6)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 537], \left\{ \frac{(-1+T)^3(1-3T+T^2)(1-T+T^2)}{T^4}, -\frac{(-1+T)^6(1-3T+T^2)(1-5T+5T^2-4T^3+5T^4-5T^5+T^6)}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 538], \left\{ -\frac{4(-1+\sqrt{T})^5(1+\sqrt{T})^5}{T^{5/2}}, \frac{2(-1+T)^6(-4+17T-28T^2+24T^3-28T^4+5T^5+2T^6)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 539], \left\{ \frac{(-1+\sqrt{T})^7(1+\sqrt{T})^7}{T^{7/2}}, -\frac{(-1+T)^8(1-6T+3T^2+8T^3+3T^4-6T^5+T^6)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 540], \left\{ \frac{(-1+T)^3(1-4T+4T^2-4T^3+T^4)}{T^5}, \frac{(-1+T)^4(2-19T+73T^2-155T^3+218T^4-244T^5+213T^6-151T^7+75T^8-23T^9+3T^{10})}{T^{10}} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 541], \left\{ -\frac{(-1+\sqrt{T})^5(1+\sqrt{T})^5(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)}{T^{11/2}}, \frac{(-1+T)^6(1-3T+T^2)(1-5T+15T^2-18T^3+19T^4-11T^5+3T^6)}{2T^{11}} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 542], \left\{ -\frac{(-1+\sqrt{T})^5(1+\sqrt{T})^5(2-T+2T^2)}{T^{5/2}}, \frac{(-1+T)^6(-22+116T-279T^2+448T^3-544T^4+484T^5-331T^6+152T^7-40T^8+4T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 543], \left\{ \frac{2(-1+T)^3(3-2T+3T^2)}{T^3}, -\frac{(-1+T)^4(18-141T+352T^2-563T^3+628T^4-517T^5+296T^6-103T^7+6T^8)}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 544], \left\{ \frac{(-1+T)^3(1+T^2)(2-3T+2T^2)}{T^4}, \frac{(-1+T)^4(2-28T+112T^2-258T^3+443T^4-591T^5+649T^6-581T^7+429T^8-246T^9+105T^{10}-26T^{11}+2T^{12})}{T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 545], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-4T+T^2)(1-T+T^2)}{T^{7/2}}, \frac{(-1+T)^4(3-36T+170T^2-422T^3+649T^4-752T^5+649T^6-422T^7+170T^8-36T^9+3T^{10})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{Alternating}, 546], \left\{ \frac{4(-1+\sqrt{T})^5(1+\sqrt{T})^5}{T^{5/2}}, \frac{2(-1+T)^4(7-40T+112T^2-162T^3+112T^4-40T^5+7T^6)}{T^5} \right\} \right\}$$

$$\begin{aligned}
 & \left\{ \text{Link}[11, \text{Alternating}, 547], \right. \\
 & \quad \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (7-6T+7T^2)}{T^{5/2}}, \frac{(-1+T)^4 (299-1002T+1833T^2-2212T^3+1833T^4-1002T^5+299T^6)}{2T^5} \right\} \\
 & \left\{ \text{Link}[11, \text{Alternating}, 548], \right. \\
 & \quad \left\{ \frac{(-1+T)^4 (1-5T+T^2)}{T^3}, \frac{(-1+T)^6 (-1+5T-7T^2+T^3) (-1+7T-5T^2+T^3)}{T^6} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 1], \right. \\
 & \quad \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+2T^2+2T^4-4T^5+T^6)}{T^{5/2}}, \right. \\
 & \quad \left. -\frac{(-1+T)(3-23T+62T^2-82T^3+64T^4-68T^5+112T^6-142T^7+126T^8-164T^9+246T^{10}-218T^{11}+95T^{12}-21T^{13}+2T^{14})}{2T^5} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 2], \right. \\
 & \quad \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-4T+T^2)}{T^{3/2}}, \frac{(-1+T)^2 (2-18T+56T^2-69T^3+6T^4+126T^5-282T^6+352T^7-268T^8+104T^9-18T^{10}+T^{11})}{2T^6} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 3], \right. \\
 & \quad \left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (-1-\sqrt{T}+T) (-1+\sqrt{T}+T)}{T^{3/2}}, \frac{(-1+T)^2 (1-3T+T^2) (2-12T+24T^2-15T^3-31T^4+85T^5-90T^6+53T^7-13T^8+T^9)}{2T^6} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 4], \right. \\
 & \quad \left\{ \frac{(-1+T)(1-4T+6T^2-4T^3+6T^4-4T^5+T^6)}{T^4}, \right. \\
 & \quad \left. \frac{(-1+T)(-2+18T-75T^2+175T^3-253T^4+268T^5-263T^6+240T^7-210T^8+174T^9-112T^{10}+45T^{11}-10T^{12}+T^{13})}{T^8} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 5], \right. \\
 & \quad \left\{ -\frac{(-1+T)^5}{T^3}, -\frac{(-1+T)^4 (1-5T+6T^2+2T^3-3T^5+T^6)}{T^6} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 6], \right. \\
 & \quad \left\{ \frac{(-1+T)^3 (1-3T+T^2)}{T^3}, \frac{(-1+T)^2 (1-3T+T^2) (2-10T+17T^2-8T^3+T^4)}{T^6} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 7], \right. \\
 & \quad \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+4T^2-4T^3+4T^4-4T^5+T^6)}{T^{9/2}}, \right. \\
 & \quad \left. -\frac{(-1+T)(7-63T+216T^2-414T^3+598T^4-738T^5+814T^6-828T^7+786T^8-654T^9+470T^{10}-266T^{11}+105T^{12}-23T^{13}+2T^{14})}{2T^9} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 8], \right. \\
 & \quad \left\{ \frac{(-1+\sqrt{T})^5 (1+\sqrt{T})^5}{T^{7/2}}, -\frac{(-1+T)^4 (-1+8T-31T^2+46T^3-43T^4+22T^5-7T^6+2T^7)}{2T^7} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 9], \right. \\
 & \quad \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-T+T^2)}{T^{7/2}}, -\frac{(-1+T)^2 (-7+38T-85T^2+124T^3-130T^4+114T^5-81T^6+44T^7-15T^8+2T^9)}{2T^7} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 10], \right. \\
 & \quad \left\{ \frac{2(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2-T^3+T^4-T^5+T^6)}{T^{5/2}}, \right. \\
 & \quad \left. -\frac{(-1+T)(-2+19T-55T^2+95T^3-139T^4+183T^5-215T^6+231T^7-239T^8+231T^9-207T^{10}+167T^{11}-119T^{12}+71T^{13}-27T^{14}+2T^{15})}{T^6} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 11], \right. \\
 & \quad \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (2-T+2T^2)}{T^{3/2}}, \frac{(-1+T)^2 (12-50T+136T^2-296T^3+477T^4-602T^5+604T^6-484T^7+293T^8-124T^9+22T^{10})}{2T^5} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 12], \right. \\
 & \quad \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-T+T^2)}{T^{3/2}}, \frac{(-1+T)^2 (6-32T+97T^2-208T^3+325T^4-386T^5+352T^6-248T^7+127T^8-42T^9+5T^{10})}{2T^5} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 13], \right. \\
 & \quad \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(3-2T-2T^3+3T^4)}{T^{3/2}}, \right. \\
 & \quad \left. -\frac{(-1+T)(-24+131T-277T^2+326T^3-370T^4+506T^5-534T^6+394T^7-342T^8+325T^9-167T^{10}+24T^{11})}{2T^4} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 14], \right. \\
 & \quad \left\{ -\frac{3(-1+\sqrt{T})^3 (1+\sqrt{T})^3}{\sqrt{T}}, -\frac{(-1+T)^2 (-36+126T-253T^2+436T^3-510T^4+328T^5-85T^6+6T^7)}{2T^3} \right\} \\
 \end{aligned}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 15], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3}{\sqrt{T}}, \frac{(-1+T)^2(12-46T+89T^2-120T^3+104T^4-50T^5+7T^6)}{2T^3} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 16], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-2T+T^2+T^4-2T^5+2T^6)}{T^{5/2}}, \right. \right.$$

$$\left. -\frac{(-1+T)(-4+38T-108T^2+160T^3-164T^4+149T^5-171T^6+218T^7-236T^8+195T^9-157T^{10}+166T^{11}-180T^{12}+136T^{13}-54T^{14}+4T^{15})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 17], \right.$$

$$\left\{ -\frac{2(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+T^2)}{T^{3/2}}, -\frac{(-1+T)^2(-8+40T-115T^2+248T^3-415T^4+552T^5-578T^6+468T^7-277T^8+110T^9-23T^{10}+2T^{11})}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 18], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-3T+2T^2)}{T^{3/2}}, \right. \right.$$

$$\left. -\frac{(-1+T)^2(-16+100T-332T^2+766T^3-1317T^4+1734T^5-1750T^6+1330T^7-721T^8+254T^9-48T^{10}+4T^{11})}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 19], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-T-T^5+2T^6)}{T^{5/2}}, \right. \right.$$

$$\left. -\frac{(-1+T)(-4+36T-76T^2+67T^3-43T^4+38T^5-54T^6+88T^7-100T^8+62T^9-38T^{10}+43T^{11}-71T^{12}+92T^{13}-52T^{14}+4T^{15})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 20], \right.$$

$$\left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-T+2T^2)}{T^{3/2}}, \frac{(-1+T)^2(12-42T+104T^2-230T^3+379T^4-502T^5+536T^6-454T^7+291T^8-128T^9+22T^{10})}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 21], \right.$$

$$\left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-3T+2T^2)}{T^{3/2}}, \frac{(-1+T)^2(12-66T+210T^2-504T^3+917T^4-1262T^5+1310T^6-1008T^7+537T^8-172T^9+22T^{10})}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 22], \right.$$

$$\left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+4T^2+4T^4-4T^5+T^6)}{T^{7/2}}, \frac{(-1+T)^2(3-24T+68T^2-80T^3+32T^4-8T^5+20T^6-8T^7+32T^8-80T^9+68T^{10}-24T^{11}+3T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 23], \right.$$

$$\left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-4T+T^2)}{T^{5/2}}, -\frac{(-1+T)^2(1-8T+18T^2-4T^3-22T^4-4T^5+18T^6-8T^7+T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 24], \right.$$

$$\left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+T^2)}{T^{5/2}}, -\frac{(-1+T)^2(1-2T-9T^2+38T^3-52T^4+38T^5-9T^6-2T^7+T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 25], \right.$$

$$\left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(-2+T)(-1+2T)}{T^{5/2}}, \frac{(-1+T)^2(1-4T+T^2)(2-8T+7T^2+7T^4-8T^5+2T^6)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 26], \left\{ \frac{2(-1+\sqrt{T})(1+\sqrt{T})(2-2T+T^2-2T^3+2T^4)}{T^{3/2}}, \right. \right.$$

$$\left. -\frac{(-1+T)(-8+68T-188T^2+280T^3-348T^4+443T^5-471T^6+396T^7-336T^8+252T^9-100T^{10}+8T^{11})}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 27], \left\{ -\frac{3(-1+\sqrt{T})^3(1+\sqrt{T})^3}{\sqrt{T}}, \frac{(-1+T)^2(36-120T+217T^2-352T^3+390T^4-220T^5+37T^6)}{2T^3} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 28], \right.$$

$$\left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+T^2)}{T^{3/2}}, \frac{(-1+T)^2(10-43T+94T^2-143T^3+148T^4-92T^5+10T^6+33T^7-26T^8+5T^9)}{2T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 29], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(4-5T+4T^2-5T^3+4T^4)}{T^{3/2}}, \right. \right.$$

$$\left. -\frac{(-1+T)(-40+266T-734T^2+1215T^3-1569T^4+1800T^5-1762T^6+1411T^7-997T^8+590T^9-204T^{10}+16T^{11})}{2T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 30], \left\{ -\frac{2(-1+\sqrt{T})^3(1+\sqrt{T})^3}{\sqrt{T}}, \frac{(-1+T)^2(6-10T+7T^2-36T^3+68T^4-46T^5+7T^6)}{T^3} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 31], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-3T+2T^2)}{T^{3/2}}, -\frac{(-1+T)^2(4-80T+370T^2-871T^3+1326T^4-1454T^5+1198T^6-715T^7+278T^8-56T^9+4T^{10})}{2T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 32], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+5T^2-2T^3+5T^4-4T^5+T^6)}{T^{5/2}}, \frac{(-1+T)(-1+11T-42T^2+76T^3-65T^4+11T^5+6T^6+44T^7-117T^8+205T^9-222T^{10}+134T^{11}-41T^{12}+5T^{13})}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 33], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3}{\sqrt{T}}, -\frac{(-1+T)^2(-2+14T-44T^2+85T^3-118T^4+108T^5-46T^6+7T^7)}{2T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 34], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-3T+3T^2-3T^3+T^4)}{T^{5/2}}, -\frac{(-1+T)^2(-1+2T+13T^2-54T^3+92T^4-132T^5+204T^6-270T^7+280T^8-190T^9+73T^{10}-14T^{11}+T^{12})}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 35], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(-2+T)(-1+2T)}{T^{3/2}}, -\frac{(-1+T)^2(-4+30T-104T^2+258T^3-545T^4+928T^5-1182T^6+1068T^7-627T^8+222T^9-44T^{10}+4T^{11})}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 36], \left\{ -\frac{(-1+T)(1-4T+5T^2-6T^3+5T^4-4T^5+T^6)}{T^2}, \frac{(-1+T)(1-8T+27T^2-64T^3+132T^4-208T^5+241T^6-203T^7+114T^8-17T^9-25T^{10}+20T^{11}-7T^{12}+T^{13})}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 37], \left\{ -\frac{(-1+T)^3(2-3T+2T^2)}{T}, -\frac{(-1+T)^2(2-13T+33T^2-39T^3-15T^4+156T^5-320T^6+382T^7-289T^8+135T^9-33T^{10}+3T^{11})}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 38], \left\{ -\frac{(-1+T)(1-4T+3T^2-2T^3+3T^4-4T^5+T^6)}{T^2}, \frac{(-1+T)(-1+8T-24T^2+37T^3-29T^4+17T^5-20T^6+43T^7-60T^8+82T^9-101T^{10}+77T^{11}-26T^{12}+3T^{13})}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 39], \left\{ -(-1+T)^3, \frac{(-1+T)^2(-1+5T-8T^2+5T^3+6T^4-20T^5+21T^6-10T^7-T^8+T^9)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 40], \left\{ \frac{(-1+T)(2-3T+4T^2-4T^3+4T^4-3T^5+2T^6)}{T^3}, -\frac{(-1+T)(-2+22T-72T^2+151T^3-254T^4+364T^5-462T^6+524T^7-539T^8+502T^9-418T^{10}+304T^{11}-186T^{12}+88T^{13}-26T^{14}+2T^{15})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 41], \left\{ -\frac{(-1+T)^3(1-T+T^2-T^3+T^4)}{T^3}, \frac{(-1+T)^2(2-9T+18T^2-27T^3+35T^4-43T^5+52T^6-64T^7+69T^8-61T^9+40T^{10}-17T^{11}+3T^{12})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 42], \left\{ \frac{(-1+T)(3-4T+4T^2-4T^3+3T^4)}{T^2}, -\frac{(-1+T)(-12+81T-229T^2+421T^3-617T^4+753T^5-768T^6+657T^7-469T^8+259T^9-90T^{10}+12T^{11})}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 43], \left\{ -\frac{(-1+T)^3(2-3T+2T^2)}{T^2}, -\frac{(-1+T)^2(2-30T+139T^2-343T^3+554T^4-637T^5+537T^6-321T^7+125T^8-26T^9+2T^{10})}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 44], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T^8)}{T^{9/2}}, \frac{(-1+T)^2(9+4T^8+9T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 45], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-\sqrt{T}+T)(1+\sqrt{T}+T)(1-T+T^2)}{T^{7/2}}, \frac{(-1+T)^2(5-24T+42T^2-60T^3+70T^4-80T^5+82T^6-80T^7+70T^8-60T^9+42T^{10}-24T^{11}+5T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 46], \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-T+T^2-T^3+T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2 (5-34T+91T^2-160T^3+220T^4-262T^5+276T^6-262T^7+220T^8-160T^9+91T^{10}-34T^{11}+5T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 47], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T^2)(2-2T+T^2-2T^3+2T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2 (30-56T+102T^2-164T^3+205T^4-236T^5+256T^6-236T^7+205T^8-164T^9+102T^{10}-56T^{11}+30T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 48], \right. \\ \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1+T^2)}{T^{5/2}}, \frac{(-1+T)^2 (3-20T+34T^2-48T^3+54T^4-48T^5+34T^6-20T^7+3T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 49], \right. \\ \left\{ -\frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-T+T^2-T^3+T^4)}{T^{7/2}}, \frac{(-1+T)^2 (1+T^2)(5-30T+70T^2-98T^3+102T^4-100T^5+102T^6-98T^7+70T^8-30T^9+5T^{10})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 50], \left\{ -\frac{(-1+T)^3 (1-4T+T^2)}{T^2}, -\frac{(-1+T)^2 (-5+38T-116T^2+182T^3-162T^4+73T^5-15T^6+T^7)}{T^3} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 51], \right. \\ \left\{ -\frac{(-1+T)^3 (1-2T-2T^3+T^4)}{T^3}, -\frac{(-1+T)^2 (1-9T+31T^2-55T^3+61T^4-56T^5+59T^6-73T^7+76T^8-73T^9+48T^{10}-16T^{11}+2T^{12})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 52], \left\{ -\frac{(-1+T)^5}{T^2}, -\frac{(-1+T)^4 (1-7T+9T^2+3T^3-5T^4+T^5)}{T^3} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 53], \left\{ \frac{(-1+\sqrt{T})^5 (1+\sqrt{T})^5}{T^{3/2}}, \frac{(-1+T)^4 (-1+8T-31T^2+42T^3-15T^4+T^6)}{2T^3} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 54], \right. \\ \left\{ \frac{(-1+T)(2-T-T^3+2T^4)}{T^3}, \frac{(-1+T)^2 (-13+18T-13T^2+15T^3-17T^4+15T^5-19T^6+30T^7-23T^8+4T^9)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 55], \right. \\ \left\{ -\frac{(-1+T)(2-9T+12T^2-9T^3+2T^4)}{T^3}, \frac{(-1+T)^2 (7-53T+152T^2-245T^3+265T^4-216T^5+122T^6-40T^7+5T^8)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 56], \right. \\ \left\{ \frac{(-1+T)(2-5T+8T^2-5T^3+2T^4)}{T^3}, -\frac{(-1+T)^2 (5-24T+70T^2-129T^3+149T^4-107T^5+44T^6-10T^7+T^8)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 57], \right. \\ \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(3-4T+3T^2)}{T^{3/2}}, -\frac{(-1+T)^2 (-12+61T-146T^2+214T^3-238T^4+157T^5-56T^6+6T^7)}{2T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 58], \right. \\ \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(4-9T+12T^2-9T^3+4T^4)}{T^{5/2}}, \frac{(-1+T)^2 (76-276T+527T^2-634T^3+494T^4-202T^5-49T^6+148T^7-110T^8+40T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 59], \right. \\ \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(5-8T+5T^2)}{T^{3/2}}, \frac{(-1+T)^2 (-20+27T+24T^2-82T^3+82T^4-9T^5-26T^6+10T^7)}{2T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 60], \right. \\ \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-7T+12T^2-7T^3+2T^4)}{T^{5/2}}, \frac{(-1+T)^2 (6-48T+175T^2-336T^3+358T^4-190T^5+19T^6+38T^7-20T^8+4T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 61], \right. \\ \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-2+T)(-1+2T)(1+T^2)}{T^{5/2}}, \frac{(-1+T)^2 (-2+16T-29T^2-4T^3+26T^4+34T^5-73T^6+58T^7-24T^8+4T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 62], \left\{ \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(1 - 4T^2 + 6T^3 - 4T^4 + T^5 + T^6)}{T^{7/2}}, \right. \right.$$

$$\left. \frac{(-1+T)^2 (7+10T-29T^2+10T^3+50T^4-72T^5+6T^6+94T^7-140T^8+106T^9-33T^{10}-10T^{11}+13T^{12}+2T^{13})}{2T^7} \right\} \left. \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 63], \left\{ \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(1 - 3T + 2T^2 - 10T^3 + 8T^4 - 3T^5 + T^6)}{T^{7/2}}, \right. \right.$$

$$\left. \frac{(-1+T)^2 (-1+10T-53T^2+178T^3-418T^4+740T^5-994T^6+1046T^7-828T^8+494T^9-217T^{10}+70T^{11}-15T^{12}+2T^{13})}{2T^7} \right\} \left. \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 64], \left\{ - \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(1 - 3T + 2T^3 - 3T^5 + T^6)}{T^{7/2}}, \frac{(-1+T)^2 (7-40T+59T^2-30T^4-32T^5+58T^6+6T^7-40T^8-22T^9+71T^{10}-36T^{11}+5T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 65], \left\{ \frac{(-1+T)(2-T-T^3+2T^4)}{T^4}, - \frac{(-1+T)(-2+20T-34T^2+32T^3-50T^4+83T^5-83T^6+63T^7-61T^8+67T^9-43T^{10}+12T^{11})}{T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 66], \left\{ \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(1 - 5T + 9T^2 - 8T^3 + 9T^4 - 5T^5 + T^6)}{T^{9/2}}, \right. \right.$$

$$\left. - \frac{(-1+T)(3-33T+157T^2-403T^3+609T^4-601T^5+450T^6-238T^7+19T^8+133T^9-221T^{10}+261T^{11}-195T^{12}+85T^{13}-20T^{14}+2T^{15})}{2T^9} \right\} \left. \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 67], \left\{ \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(5 - 10T + 12T^2 - 10T^3 + 5T^4)}{T^{5/2}}, \right. \right.$$

$$\left. - \frac{(-1+T)^2 (20-269T+916T^2-1832T^3+2642T^4-2956T^5+2600T^6-1772T^7+886T^8-269T^9+20T^{10})}{2T^6} \right\} \left. \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 68], \left\{ \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(1 + T^2)(1 + T - 3T^2 + T^3 + T^4)}{T^{7/2}}, \frac{(-1+T)^2 (7+10T-9T^2-4T^3-2T^4+10T^5-28T^6+50T^7-40T^8+24T^9-19T^{10}+13T^{12}+2T^{13})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 69], \left\{ \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(1 + T^2)(1 + \sqrt{T} - T - T^{3/2} + T^2)(1 - \sqrt{T} - T + T^{3/2} + T^2)}{T^{7/2}}, \right. \right.$$

$$\left. \frac{(-1+T)^2 (-1+10T-49T^2+136T^3-250T^4+370T^5-456T^6+490T^7-428T^8+304T^9-159T^{10}+60T^{11}-15T^{12}+2T^{13})}{2T^7} \right\} \left. \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 70], \left\{ - \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(1 - 3T + 2T^2 - 2T^3 + 2T^4 - 3T^5 + T^6)}{T^{7/2}}, \right. \right.$$

$$\left. \frac{(-1+T)^2 (7-40T+79T^2-94T^3+110T^4-126T^5+128T^6-118T^7+108T^8-96T^9+77T^{10}-34T^{11}+5T^{12})}{2T^7} \right\} \left. \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 71], \left\{ \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(2 + T - 4T^2 + T^3 + 2T^4)}{T^{5/2}}, \frac{(-1+T)^2 (22+8T-29T^2-28T^3+106T^5-69T^6-42T^7+38T^8+8T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 72], \left\{ \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(2 - 7T + 12T^2 - 7T^3 + 2T^4)}{T^{5/2}}, \frac{(-1+T)^2 (2-77T^2+340T^3-664T^4+754T^5-517T^6+230T^7-62T^8+8T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 73], \left\{ - \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(2 - 7T + 8T^2 - 7T^3 + 2T^4)}{T^{5/2}}, \frac{(-1+T)^2 (22-144T+363T^2-542T^3+588T^4-490T^5+303T^6-108T^7+14T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 74], \left\{ \frac{(-1+T)(1+T^2)(1+T-3T^2+T^3+T^4)}{T^4}, \frac{(-1+T)^2 (-4-3T+8T^2-2T^3-3T^4+9T^5-12T^6+9T^7-6T^9+12T^{10}-6T^{11}-4T^{12}+T^{13})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 75], \left\{ \frac{(-1+T)(2+T-4T^2+T^3+2T^4)}{T^3}, \frac{(-1+T)^2 (-13+6T+20T^2-10T^3-8T^4-15T^5+35T^6-3T^7-17T^8+4T^9)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 76], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(1-4T+4T^2-4T^3+T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)(1-11T+61T^2-239T^3+675T^4-1361T^5+2014T^6-2272T^7+2005T^8-1397T^9+785T^{10}-351T^{11}+115T^{12}-23T^{13}+2T^{14})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 77], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+7T^2-6T^3+7T^4-4T^5+T^6)}{T^{5/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)(1-11T+66T^2-236T^3+559T^4-963T^5+1260T^6-1252T^7+955T^8-551T^9+270T^{10}-126T^{11}+53T^{12}-15T^{13}+2T^{14})}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 78], \right. \\ \left\{ -\frac{2(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+T^2)}{T^{3/2}}, \frac{(-1+T)^2(6-30T+97T^2-236T^3+411T^4-530T^5+518T^6-388T^7+213T^8-76T^9+11T^{10})}{T^5} \right\} \left. \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 79], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)(1+T^2)(1-T+T^2)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(1-3T+T^2)(1-5T+12T^2-7T^3-7T^4+10T^5-7T^6-7T^7+12T^8-5T^9+T^{10})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 80], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+T^2)(1-T+T^2)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(5-34T+99T^2-206T^3+325T^4-420T^5+454T^6-420T^7+325T^8-206T^9+99T^{10}-34T^{11}+5T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 81], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+T^2)(1-T+T^2)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(5-30T+83T^2-166T^3+253T^4-320T^5+342T^6-320T^7+253T^8-166T^9+83T^{10}-30T^{11}+5T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 82], \right. \\ \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T^2)(4-7T+4T^2)}{T^{5/2}}, \frac{(-1+T)^2(96-304T+563T^2-784T^3+876T^4-784T^5+563T^6-304T^7+96T^8)}{2T^5} \right\} \left. \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 83], \right. \\ \left\{ -\frac{2(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+T^2)}{T^{5/2}}, \frac{(-1+T)^2(7-42T+103T^2-162T^3+184T^4-162T^5+103T^6-42T^7+7T^8)}{T^5} \right\} \left. \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 84], \right. \\ \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+8T^2-4T^3+T^4)}{T^{5/2}}, \frac{(-1+T)^2(3-20T+58T^2-100T^3+112T^4-72T^5+42T^6-16T^7+3T^8)}{2T^5} \right\} \left. \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 85], \right. \\ \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-8T+12T^2-8T^3+T^4)}{T^{5/2}}, -\frac{(-1+T)^2(-5+80T-390T^2+816T^3-940T^4+620T^5-198T^6+4T^7+3T^8)}{2T^5} \right\} \left. \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 86], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+3T^2-2T^3+3T^4-4T^5+T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2(1-14T+54T^2-80T^3+75T^4-62T^5+62T^6-86T^7+95T^8-100T^9+82T^{10}-34T^{11}+5T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 87], \right. \\ \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-2T-2T^3+T^4)}{T^{5/2}}, \frac{(-1+T)^2(5-20T+24T^2-16T^3+8T^4-12T^5+32T^6-24T^7+5T^8)}{2T^5} \right\} \left. \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 88], \right. \\ \left\{ -\frac{(-1+\sqrt{T})^5(1+\sqrt{T})^5(1-T+T^2)}{T^{7/2}}, \frac{(-1+T)^4(-2+19T-90T^2+266T^3-534T^4+781T^5-876T^6+751T^7-484T^8+216T^9-58T^{10}+7T^{11})}{2T^8} \right\} \left. \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 89], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-3T+T^2+4T^3+T^4-3T^5+T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(3-20T+55T^2-70T^3+57T^4-84T^5+54T^6+72T^7-11T^8-144T^9+137T^{10}-50T^{11}+7T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 90], \left\{ -\frac{2(-1+\sqrt{T})(1+\sqrt{T})(-2+T)(-1+2T)}{T^{3/2}}, \frac{(-1+T)^2(8-34T+13T^2+58T^3-54T^4+12T^5)}{T^3} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 91], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+T^2)}{T^{5/2}}, -\frac{(-1+T)^2(-5+22T-32T^2+36T^3-30T^4+24T^5-16T^6+12T^7-5T^8+2T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 92], \left\{ -\frac{2(-1+\sqrt{T})^5(1+\sqrt{T})^5}{T^{5/2}}, \frac{(-1+T)^4(2-17T+66T^2-151T^3+216T^4-201T^5+106T^6-27T^7+2T^8)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 93], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-3T+2T^2)}{T^{5/2}}, -\frac{(-1+T)^2(4-44T+198T^2-499T^3+796T^4-882T^5+704T^6-403T^7+154T^8-36T^9+4T^{10})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 94], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+T^2)}{T^{5/2}}, -\frac{(-1+T)^2(2-7T+12T^2-22T^3+20T^4-10T^5-8T^6+18T^7-18T^8+5T^9)}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 95], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T-3T^2+4T^3-3T^4+T^5+T^6)}{T^{7/2}}, \frac{(-1+T)^2(7+10T-19T^2+6T^3+19T^4-24T^5-8T^6+54T^7-71T^8+60T^9-27T^{10}-4T^{11}+13T^{12}+2T^{13})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 96], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-3T+5T^2-4T^3+5T^4-3T^5+T^6)}{T^{7/2}}, \frac{(-1+T)^2(3-14T+33T^2-30T^3-13T^4+88T^5-144T^6+166T^7-123T^8+84T^9-55T^{10}+32T^{11}-11T^{12}+2T^{13})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 97], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-3T+5T^2-8T^3+5T^4-3T^5+T^6)}{T^{7/2}}, \frac{(-1+T)^2(3-16T+45T^2-92T^3+127T^4-138T^5+124T^6-86T^7+61T^8-38T^9+17T^{10}-6T^{11}+T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 98], \left\{ \frac{(-1+T)(1+T-3T^2+4T^3-3T^4+T^5+T^6)}{T^4}, \frac{(-1+T)^2(-4-3T+12T^2-8T^3-13T^4+39T^5-50T^6+39T^7-9T^8-15T^9+19T^{10}-7T^{11}-4T^{12}+T^{13})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 99], \left\{ \frac{2(-1+T)(1-T^2+T^4)}{T^3}, \frac{(-1+T)^2(-13+12T+4T^2-2T^3-7T^4-2T^5+10T^6+10T^7-19T^8+4T^9)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 100], \left\{ -\frac{2(-1+T)(1-2T+T^2-2T^3+T^4)}{T^3}, \frac{(-1+T)^2(3-12T+20T^2-22T^3+17T^4-26T^5+34T^6-22T^7+5T^8)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 101], \left\{ \frac{2(-1+T)(1-4T+7T^2-4T^3+T^4)}{T^3}, -\frac{(-1+T)^2(-1+T^2-6T^3+T^4)(1-4T+7T^2-4T^3+T^4)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 102], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(3-4T+3T^2)}{T^{5/2}}, \frac{(-1+T)^2(-12+109T-472T^2+1152T^3-1802T^4+1882T^5-1290T^6+496T^7-26T^8-63T^9+18T^{10})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 103], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(3-2T-2T^3+3T^4)}{T^{5/2}}, \frac{(-1+T)^2(6+29T-48T^2+56T^3-90T^4+76T^5-38T^6+80T^7-104T^8+33T^9+18T^{10})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 104], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-8T+12T^2-8T^3+T^4)}{T^{5/2}}, \frac{(-1+T)^2(-1+4T+94T^3-286T^4+406T^5-328T^6+158T^7-31T^8+2T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 105], \left\{ \frac{(-1+\sqrt{T})^5(1+\sqrt{T})^5(1+T^2)}{T^{7/2}}, \frac{(-1+T)^4(-2+13T-42T^2+91T^3-146T^4+192T^5-198T^6+172T^7-114T^8+51T^9-4T^{10}-7T^{11}+2T^{12})}{2T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 106], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-2T-3T^2+6T^3-3T^4-2T^5+T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(5-22T+14T^2+28T^3-11T^4+8T^5-122T^6+218T^7-143T^8-12T^9+78T^{10}-30T^{11}-3T^{12}+2T^{13})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 107], \right. \\ \left. \left\{ \frac{(-1+T)^3(3-4T+3T^2)}{T^3}, -\frac{(-1+T)^2(9-54T+134T^2-196T^3+177T^4-94T^5+26T^6-22T^7+36T^8-26T^9+6T^{10})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 108], \right. \\ \left. \left\{ \frac{(-1+T)(1+2T-4T^2+2T^3+T^4)}{T^3}, \frac{(-1+T)^2(-6-2T+14T^2-11T^3+13T^4-32T^5+40T^6-15T^7-6T^8+2T^9)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 109], \right. \\ \left. \left\{ \frac{2(-1+\sqrt{T})(1+\sqrt{T})(1-T^2+T^4)}{T^{5/2}}, \frac{(-1+T)^2(2+7T-4T^2+8T^3-18T^4-5T^5+28T^6+4T^7-30T^8+11T^9+8T^{10})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 110], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+8T^2-12T^3+8T^4-4T^5+T^6)}{T^{5/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)(-1+9T-36T^2+90T^3-160T^4+254T^5-434T^6+688T^7-876T^8+884T^9-680T^{10}+406T^{11}-187T^{12}+65T^{13}-16T^{14}+2T^{15})}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 111], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-2T-2T^2+4T^3-2T^4-2T^5+T^6)}{T^{5/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)(-3+15T-12T^2-36T^3+44T^4+58T^5-126T^6+30T^7+120T^8-126T^9+20T^{10}+38T^{11}-17T^{12}+9T^{13}-8T^{14}+2T^{15})}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 112], \right. \\ \left. \left\{ \frac{2(-1+\sqrt{T})^3(1+\sqrt{T})^3}{\sqrt{T}}, -\frac{(-1+T)^2(-2+11T-24T^2+18T^3+8T^4-31T^5+24T^6-10T^7+2T^8)}{T^2} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 113], \left\{ \frac{2(-1+\sqrt{T})^5(1+\sqrt{T})^5}{T^{3/2}}, -\frac{(-1+T)^4(-3+16T-29T^2+18T^3+3T^4-14T^5+5T^6)}{T^3} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 114], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-2T+T^2-2T^3+T^4)}{T^{5/2}}, \right. \right. \\ \left. \left. -\frac{(-1+T)^2(1-10T+36T^2-72T^3+108T^4-150T^5+202T^6-254T^7+266T^8-220T^9+122T^{10}-38T^{11}+5T^{12})}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 115], \right. \\ \left. \left\{ -\frac{2(-1+\sqrt{T})(1+\sqrt{T})(1-3T+3T^2-3T^3+T^4)}{T^{5/2}}, \frac{(-1+T)(3-21T+55T^2-75T^3+89T^4-131T^5+175T^6-149T^7+73T^8-19T^9+2T^{10})}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 116], \right. \\ \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(3-8T+3T^2)}{T^{5/2}}, \frac{(-1+T)^2(33-258T+789T^2-1402T^3+1686T^4-1402T^5+789T^6-258T^7+33T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 117], \right. \\ \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(3-4T+3T^2)}{T^{5/2}}, \frac{(-1+T)^2(15-70T+239T^2-478T^3+606T^4-478T^5+239T^6-70T^7+15T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 118], \right. \\ \left. \left\{ -\frac{(-2+T)(-1+T)^3(-1+2T)}{T^3}, -\frac{(-1+T)^2(4-29T+74T^2-32T^3-243T^4+645T^5-834T^6+662T^7-344T^8+116T^9-23T^{10}+2T^{11})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 119], \right. \\ \left. \left\{ \frac{(-1+T)^3(2-T+2T^2)}{T^3}, -\frac{(-1+T)^2(4-13T+6T^2+26T^3-85T^4+148T^5-184T^6+164T^7-106T^8+45T^9-13T^{10}+2T^{11})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 120], \left\{ \frac{(-1+T)(1+T^2)}{T^2}, -\frac{(-1+T)^2(-3+9T+T^2-16T^3+9T^4-3T^5+6T^6-5T^7+T^8)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 121], \left\{ \frac{(-1+T)(3-4T+3T^2)}{T^2}, \frac{(-1+T)^2(-5-7T+47T^2-97T^3+117T^4-89T^5+44T^6-16T^7+3T^8)}{T^5} \right\} \right\}$$

$$\begin{aligned}
 & \left\{ \text{Link}[11, \text{NonAlternating}, 122], \left\{ -\frac{(-1+T)(1-4T+T^2)}{T^2}, -\frac{(-1+T)^2(2-15T+44T^2-47T^3+26T^4-8T^5+T^6)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 123], \right. \\
 & \quad \left. \left\{ \frac{(-1+T)(1+T^2)(4-7T+4T^2)}{T^3}, \frac{(-1+T)^2(34-99T+165T^2-200T^3+205T^4-193T^5+161T^6-99T^7+38T^8-7T^9+4T^{10})}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 124], \right. \\
 & \quad \left. \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(2-3T+2T^2)}{T^{5/2}}, \frac{(-1+T)^2(2-4T-29T^2+124T^3-182T^4+124T^5-29T^6-4T^7+2T^8)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 125], \right. \\
 & \quad \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(3-8T+3T^2)}{T^{3/2}}, -\frac{(-1+T)^2(4-39T+132T^2-196T^3+132T^4-39T^5+4T^6)}{2T^4} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 126], \right. \\
 & \quad \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1+\sqrt{T}-3T-T^{3/2}+T^2)}{T^{5/2}}, -\frac{(-1+T)^2(1-22T+135T^2-364T^3+493T^4-364T^5+135T^6-22T^7+T^8)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 127], \right. \\
 & \quad \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-3T+3T^2-3T^3+T^4)}{T^{5/2}}, -\frac{(-1+T)^2(1-6T+3T^2+36T^3-69T^4+36T^5+3T^6-6T^7+T^8)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 128], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+4T^2-T^3+4T^4-4T^5+T^6)}{T^{7/2}}, \right. \right. \\
 & \quad \left. \left. -\frac{(-1+T)^2(3-24T+68T^2-82T^3+44T^4-24T^5+23T^6-24T^7+44T^8-82T^9+68T^{10}-24T^{11}+3T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 129], \right. \\
 & \quad \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-5T+9T^2-5T^3+T^4)}{T^{5/2}}, \frac{(-1+T)^2(1-6T+9T^2+8T^3-23T^4+8T^5+9T^6-6T^7+T^8)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 130], \right. \\
 & \quad \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)^3}{T^{7/2}}, \frac{(-1+T)^2(1-T+T^2)^2(3-14T+42T^2-66T^3+81T^4-78T^5+56T^6-22T^7+5T^8)}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 131], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-2T+4T^2-5T^3+4T^4-2T^5+T^6)}{T^{7/2}}, \right. \right. \\
 & \quad \left. \left. -\frac{(-1+T)^2(3-12T+40T^2-96T^3+172T^4-244T^5+259T^6-216T^7+136T^8-66T^9+22T^{10}-6T^{11}+T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 132], \right. \\
 & \quad \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)}{T^{3/2}}, -\frac{(-1+T)^2(4-4T-5T^2+24T^3-33T^4+28T^5-7T^6-4T^7+6T^8)}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 133], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T^3-T^4+T^5+T^8)}{T^{9/2}}, \right. \right. \\
 & \quad \left. \left. -\frac{(-1+T)^2(-9-14T^3+12T^4-10T^5-5T^6+12T^7-23T^8+18T^9-11T^{10}-6T^{11}+12T^{12}-16T^{13}+4T^{14}-2T^{15}-9T^{16}+2T^{17})}{2T^9} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 134], \right. \\
 & \quad \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(1-T+T^2-T^3+T^4)}{T^{7/2}}, \frac{(-1+T)^2(-3+8T-10T^2-2T^3+37T^4-68T^5+93T^6-82T^7+59T^8-24T^9+8T^{10}-2T^{11}+T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 135], \right. \\
 & \quad \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+2T^2-3T^3+2T^4-T^5+T^6)}{T^{7/2}}, -\frac{(-1+T)^2(3-6T+17T^2-38T^3+54T^4-78T^5+77T^6-68T^7+46T^8-28T^9+9T^{10}-4T^{11}+T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 136], \right. \\
 & \quad \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-\sqrt{T}+T)(1+\sqrt{T}+T)(1-T+T^2)^2}{T^{7/2}}, -\frac{(-1+T)^2(1-T+T^2)(3-3T+5T^2+2T^3-9T^4+T^5-11T^6+4T^7+3T^8-T^9+T^{10})}{2T^7} \right\} \right\}
 \end{aligned}$$

$$\begin{aligned}
& \left\{ \text{Link}[11, \text{NonAlternating}, 137], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+8T^2-9T^3+8T^4-4T^5+T^6)}{T^{7/2}}, \right. \right. \\
& \quad \left. \left. \frac{(-1+T)^2(1-12T+68T^2-208T^3+424T^4-654T^5+799T^6-780T^7+602T^8-356T^9+148T^{10}-38T^{11}+5T^{12})}{2T^7} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 138], \right. \\
& \quad \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)^2}{T^{5/2}}, \frac{(-1+T)^2(1-T+T^2)(5-27T+74T^2-99T^3+74T^4-27T^5+5T^6)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 139], \right. \\
& \quad \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T^2+T^4)}{T^{5/2}}, -\frac{(-1+T)^2(1+2T+6T^2-18T^3+3T^4+2T^5+4T^6-8T^7+3T^8)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 140], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)(1-T+T^2)}{T^{5/2}}, \right. \right. \\
& \quad \left. \left. -\frac{(-1+T)^2(-7+56T-158T^2+288T^3-381T^4+386T^5-274T^6+126T^7-27T^8+2T^9)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 141], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-T+2T^2)(1-T^2+T^4)}{T^{7/2}}, \right. \right. \\
& \quad \left. \left. -\frac{(-1+T)^2(4-40T+36T^2-3T^3-38T^4+32T^5+10T^6-61T^7+46T^8+10T^9-48T^{10}+19T^{11}+32T^{12}-54T^{13}+16T^{14})}{2T^8} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 142], \right. \\
& \quad \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(2-3T+2T^2)}{T^{5/2}}, \frac{(-1+T)^2(4-28T+72T^2-109T^3+112T^4-51T^5-12T^6+45T^7-26T^8+6T^9)}{2T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 143], \right. \\
& \quad \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-2T+T^2-2T^3+2T^4)}{T^{5/2}}, -\frac{(-1+T)^2(-4+22T-42T^2+76T^3-140T^4+153T^5-124T^6+76T^7-40T^8+10T^9)}{2T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 144], \right. \\
& \quad \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-4T+7T^2-4T^3+2T^4)}{T^{5/2}}, -\frac{(-1+T)^2(-4+30T-86T^2+164T^3-218T^4+195T^5-122T^6+52T^7-16T^8+6T^9)}{2T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 145], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+7T^2-7T^3+7T^4-4T^5+T^6)}{T^{7/2}}, \right. \right. \\
& \quad \left. \left. -\frac{(-1+T)^2(-3+24T-82T^2+152T^3-191T^4+230T^5-307T^6+398T^7-441T^8+388T^9-240T^{10}+94T^{11}-21T^{12}+2T^{13})}{2T^7} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 146], \right. \\
& \quad \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-2+T)(-1+2T)(1-T+T^2)}{T^{3/2}}, -\frac{(-1+T)(4-44T+198T^2-489T^3+759T^4-825T^5+661T^6-401T^7+165T^8-34T^9+2T^{10})}{2T^4} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 147], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-3T+3T^2-3T^3+3T^4-3T^5+T^6)}{T^{5/2}}, \right. \right. \\
& \quad \left. \left. \frac{(-1+T)(-3+21T-63T^2+127T^3-199T^4+269T^5-321T^6+367T^7-387T^8+357T^9-275T^{10}+161T^{11}-59T^{12}+9T^{13})}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 148], \right. \\
& \quad \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-\sqrt{T}+T)(1+\sqrt{T}+T)(1-T+T^2)}{T^{3/2}}, \frac{(-1+T)(-1-3T+24T^2-50T^3+63T^4-61T^5+66T^6-42T^7+25T^8-11T^9+2T^{10})}{2T^3} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 149], \right. \\
& \quad \left. \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-5T+T^2)(1-T+T^2)}{T^{3/2}}, -\frac{(-1+T)(5-75T+348T^2-838T^3+1293T^4-1399T^5+1054T^6-532T^7+155T^8-25T^9+2T^{10})}{2T^3} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 150], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)(1-T+T^2)}{T^{3/2}}, \right. \right. \\
& \quad \left. \left. -\frac{(-1+T)(2-T-63T^2+260T^3-564T^4+807T^5-831T^6+622T^7-330T^8+113T^9-21T^{10}+2T^{11})}{2T^4} \right\} \right\}
\end{aligned}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 151], \left\{ \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(2 - 2T + 2T^2 - T^3 + 2T^4 - 2T^5 + 2T^6)}{T^{5/2}}, \right. \right. \\ \left. \left. - \frac{(-1+T)(-4+38T-98T^2+148T^3-180T^4+216T^5-276T^6+319T^7-327T^8+302T^9-282T^{10}+268T^{11}-228T^{12}+142T^{13}-54T^{14}+4T^{15})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 152], \right. \\ \left. \left\{ -\frac{(-1 + \sqrt{T})(1 + \sqrt{T})(1 - 5T + 7T^2 - 5T^3 + T^4)}{T^{3/2}}, \frac{(-1+T)(5-33T+51T^2+87T^3-425T^4+747T^5-799T^6+593T^7-309T^8+107T^9-22T^{10}+2T^{11})}{2T^3} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 153], \left\{ -\frac{(-1 + \sqrt{T})(1 + \sqrt{T})(2 - 6T + 7T^2 - 6T^3 + 2T^4)}{T^{3/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)(-12+76T-264T^2+682T^3-1306T^4+1898T^5-2143T^6+1897T^7-1292T^8+644T^9-202T^{10}+26T^{11})}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 154], \left\{ -\frac{(-1 + \sqrt{T})(1 + \sqrt{T})(1 - T + T^2)(1 - 2T + T^2 - 2T^3 + T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(5-34T+87T^2-166T^3+244T^4-306T^5+325T^6-306T^7+244T^8-166T^9+87T^{10}-34T^{11}+5T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 155], \left\{ -\frac{(-1 + \sqrt{T})(1 + \sqrt{T})(1 - 4T + 6T^2 - 7T^3 + 6T^4 - 4T^5 + T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2(5-44T+144T^2-302T^3+478T^4-620T^5+671T^6-620T^7+478T^8-302T^9+144T^{10}-44T^{11}+5T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 156], \right. \\ \left. \left\{ \frac{3(-1 + \sqrt{T})(1 + \sqrt{T})(1 - T + T^2)^2}{T^{5/2}}, \frac{(-1+T)^2(1-T+T^2)(11-37T+62T^2-53T^3+62T^4-37T^5+11T^6)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 157], \left\{ \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(1 - 3T + 7T^2 - 9T^3 + 7T^4 - 3T^5 + T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. - \frac{(-1+T)^2(1-6T+19T^2-48T^3+91T^4-142T^5+161T^6-142T^7+91T^8-48T^9+19T^{10}-6T^{11}+T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 158], \right. \\ \left. \left\{ \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(1 - 2T + 5T^2 - 2T^3 + T^4)}{T^{5/2}}, \frac{(-1+T)^2(1-4T+38T^2-80T^3+117T^4-80T^5+38T^6-4T^7+T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 159], \left\{ \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(1 - \sqrt{T} - T + T^{3/2} - T^2 - T^{5/2} + T^3)(1 + \sqrt{T} - T - T^{3/2} - T^2 + T^{5/2} + T^3)}{T^{7/2}}, \right. \right. \\ \left. \left. - \frac{(-1+T)^2(5-30T+51T^2-20T^3-15T^4-6T^5+31T^6-6T^7-15T^8-20T^9+51T^{10}-30T^{11}+5T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 160], \right. \\ \left. \left\{ \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(2 - 2T + T^2)(1 - 2T + 2T^2)}{T^{5/2}}, \frac{(-1+T)^2(6-20T+22T^2+16T^3-39T^4+16T^5+22T^6-20T^7+6T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 161], \right. \\ \left. \left\{ \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(1 - T + T^2)(2 - 3T + 2T^2)}{T^{5/2}}, \frac{(-1+T)^2(6-28T+117T^2-262T^3+343T^4-262T^5+117T^6-28T^7+6T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 162], \right. \\ \left. \left\{ \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(2 - 2T + 3T^2 - 2T^3 + 2T^4)}{T^{5/2}}, \frac{(-1+T)^2(2-8T-8T^2+50T^3-57T^4+52T^5-8T^6-6T^7-2T^8+4T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 163], \right. \\ \left. \left\{ -\frac{(-1 + \sqrt{T})(1 + \sqrt{T})(2 - 8T + 9T^2 - 8T^3 + 2T^4)}{T^{5/2}}, \frac{(-1+T)^2(10-92T+262T^2-406T^3+431T^4-296T^5+126T^6+2T^7-22T^8+4T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 164], \right. \\ \left. \left\{ \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(2 - 4T + 7T^2 - 4T^3 + 2T^4)}{T^{5/2}}, \frac{(-1+T)^2(2-4T+42T^2-78T^3+91T^4-28T^5-18T^6+38T^7-14T^8+4T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 165], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-T-T^2+3T^3-T^4-T^5+2T^6)}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(26-22T-17T^2+60T^3-27T^4-42T^5+65T^6-10T^7-53T^8+58T^9+T^{10}-32T^{11}+24T^{12}+4T^{13})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{NonAlternating}, 166], \right. \\
 \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(1+T-T^2+T^3+T^4)}{T^{7/2}}, \frac{(-1+T)^2(3-4T+6T^3+5T^4-6T^5+19T^6-6T^7+5T^8+6T^9-4T^{11}+3T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{NonAlternating}, 167], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(1-\sqrt{T}-T-T^{3/2}+T^2)(1+\sqrt{T}-T+T^{3/2}+T^2)}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(5-44T+136T^2-266T^3+417T^4-518T^5+567T^6-518T^7+417T^8-266T^9+136T^{10}-44T^{11}+5T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{NonAlternating}, 168], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(1-T+3T^2-T^3+T^4)}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(3-12T+50T^2-102T^3+183T^4-234T^5+267T^6-234T^7+183T^8-102T^9+50T^{10}-12T^{11}+3T^{12})}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{NonAlternating}, 169], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(1+T-T^2+T^3-T^4+T^5+T^6)}{T^{9/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(9-16T^2+42T^3-29T^4-16T^5+101T^6-172T^7+205T^8-172T^9+101T^{10}-16T^{11}-29T^{12}+42T^{13}-16T^{14}+9T^{16})}{2T^9} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{NonAlternating}, 170], \right. \\
 \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)^3}{T^{7/2}}, -\frac{(-1+T)^2(1-T+T^2)^3(3-9T+22T^2-29T^3+16T^4-3T^5+T^6)}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{NonAlternating}, 171], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(1+\sqrt{T}-T-T^{3/2}+T^2)(1-\sqrt{T}-T+T^{3/2}+T^2)}{T^{7/2}}, \right. \right. \\
 \left. \left. -\frac{(-1+T)^2(1-3T+5T^2-3T^3+T^4)(1-7T+22T^2-38T^3+49T^4-46T^5+32T^6-13T^7+3T^8)}{2T^7} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{NonAlternating}, 172], \right. \\
 \left. \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-8T+13T^2-8T^3+T^4)}{T^{3/2}}, \frac{(-1+T)(2-25T+131T^2-448T^3+992T^4-1403T^5+1267T^6-702T^7+210T^8-27T^9+T^{10})}{2T^4} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{NonAlternating}, 173], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+9T^2-13T^3+9T^4-4T^5+T^6)}{T^{5/2}}, \right. \right. \\
 \left. \left. -\frac{(-1+T)(-1+11T-58T^2+192T^3-451T^4+801T^5-1091T^6+1173T^7-997T^8+657T^9-326T^{10}+116T^{11}-27T^{12}+3T^{13})}{2T^5} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{NonAlternating}, 174], \left\{ -\frac{(-1+T)(1-3T+T^2)(1-T+T^2)(1+T+T^2)}{T^4}, \right. \right. \\
 \left. \left. \frac{(-1+T)(-3+20T-50T^2+77T^3-105T^4+121T^5-128T^6+129T^7-133T^8+125T^9-98T^{10}+61T^{11}-22T^{12}+3T^{13})}{T^8} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{NonAlternating}, 175], \right. \\
 \left. \left\{ -\frac{(-1+T)(1-T+T^2)(2-7T+2T^2)}{T^3}, \frac{(-1+T)(-5+57T-218T^2+425T^3-527T^4+428T^5-213T^6+34T^7+30T^8-16T^9+2T^{10})}{T^6} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{NonAlternating}, 176], \right. \\
 \left. \left\{ \frac{(-1+T)(1-T+T^2)(2-T^2+2T^4)}{T^4}, \frac{(-1+T)(-15+41T-52T^2+29T^3-6T^4+12T^5-30T^6+24T^7-4T^8+2T^9-24T^{10}+37T^{11}-24T^{12}+5T^{13}+2T^{14})}{T^8} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{NonAlternating}, 177], \left\{ -\frac{(-1+T)(1-T+T^2)(1-3T+5T^2-3T^3+T^4)}{T^4}, \right. \right. \\
 \left. \left. -\frac{(-1+T)(-1+9T-44T^2+143T^3-348T^4+649T^5-943T^6+1064T^7-924T^8+605T^9-289T^{10}+95T^{11}-19T^{12}+2T^{13})}{T^9} \right\} \right\} \\
 \left\{ \text{Link}[11, \text{NonAlternating}, 178], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T^{3/2})(1-\sqrt{T}+T^{3/2})(1-T+T^{3/2})(-1+T+T^{3/2})}{T^{7/2}}, \right. \right. \\
 \left. \left. \frac{(-1+T)^2(1-6T+23T^2-72T^3+149T^4-230T^5+263T^6-230T^7+149T^8-72T^9+23T^{10}-6T^{11}+T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 179], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(2-7T+11T^2-7T^3+2T^4)}{T^{5/2}}, \frac{(-1+T)^2(6-44T+131T^2-222T^3+267T^4-222T^5+131T^6-44T^7+6T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 180], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T)(1-\sqrt{T}+T)(-1+\sqrt{T}+T)(1+\sqrt{T}+T)}{T^{3/2}}, \frac{(-1+T)(1-3T+T^2)(-2+3T+2T^2+7T^3-19T^4+7T^5-9T^6-4T^7+3T^8)}{2T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 181], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-5T+T^2)}{\sqrt{T}}, -\frac{(-1+T)(2-14T+11T^2+67T^3-137T^4+83T^5-29T^6+5T^7)}{2T^3} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 182], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(3-8T+13T^2-8T^3+3T^4)}{T^{5/2}}, \frac{(-1+T)^2(11-68T+180T^2-288T^3+341T^4-288T^5+180T^6-68T^7+11T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 183], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-2+T)(-1+2T)(1-T+T^2)}{T^{5/2}}, \frac{(-1+T)^2(14-112T+333T^2-594T^3+711T^4-594T^5+333T^6-112T^7+14T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 184], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(2-T+2T^2)}{T^{5/2}}, \frac{(-1+T)^2(6-16T+67T^2-126T^3+165T^4-126T^5+67T^6-16T^7+6T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 185], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(2-3T+2T^2)}{T^{5/2}}, \frac{(-1+T)^2(6-16T+17T^2+6T^3-17T^4+6T^5+17T^6-16T^7+6T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 186], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(-1-\sqrt{T}+T^{3/2})(1-\sqrt{T}+T^{3/2})(1-T+T^{3/2})(-1+T+T^{3/2})}{T^{7/2}}, \frac{(-1+T)^2(1-6T+17T^2-32T^3+33T^4-24T^5+13T^6-8T^7+11T^8-16T^9+9T^{10}-4T^{11}+T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 187], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(3-8T+9T^2-8T^3+3T^4)}{T^{5/2}}, -\frac{(-1+T)^2(29-144T+316T^2-472T^3+527T^4-472T^5+316T^6-144T^7+29T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 188], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(3-9T+11T^2-9T^3+3T^4)}{T^{5/2}}, \frac{(-1+T)(6-57T+215T^2-429T^3+547T^4-519T^5+465T^6-401T^7+247T^8-69T^9-9T^{10}+6T^{11})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 189], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-3T+7T^2-3T^3+T^4)}{T^{5/2}}, \frac{(-1+T)^2(1-2T-9T^2+36T^3-41T^4+36T^5-9T^6-2T^7+T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 190], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-9T+13T^2-9T^3+T^4)}{T^{5/2}}, \frac{(-1+T)^2(3-70T+423T^2-960T^3+1235T^4-960T^5+423T^6-70T^7+3T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 191], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+4T^2-3T^3+4T^4-4T^5+T^6)}{T^{7/2}}, \frac{(-1+T)^2(3-24T+68T^2-86T^3+64T^4-48T^5+37T^6-48T^7+64T^8-86T^9+68T^{10}-24T^{11}+3T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 192], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(2-2T+T^2)(1-2T+2T^2)}{T^{5/2}}, -\frac{(-1+T)(-2+10T-30T^2+58T^3-105T^4+165T^5-174T^6+112T^7-38T^8+6T^9)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 193], \left\{ -\frac{(-1+T)(2-10T+13T^2-10T^3+2T^4)}{T^3}, \frac{(-1+T)^2(3-40T+142T^2-231T^3+221T^4-113T^5+7T^6+35T^7-17T^8+2T^9)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 194], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(3-5T+3T^2)}{T^{5/2}}, \frac{(-1+T)^2(11-56T+156T^2-256T^3+307T^4-256T^5+156T^6-56T^7+11T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 195], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-3T+7T^2-7T^3+7T^4-3T^5+T^6)}{T^{7/2}}, \frac{(-1+T)^2(3-18T+77T^2-188T^3+349T^4-474T^5+537T^6-474T^7+349T^8-188T^9+77T^{10}-18T^{11}+3T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 196], \left\{ \frac{(-1+T)(2-8T+15T^2-8T^3+2T^4)}{T^3}, -\frac{(-1+T)^2(1-12T+51T^2-125T^3+185T^4-172T^5+90T^6-26T^7+3T^8)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 197], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T-T^2-T^3+T^4)}{T^{5/2}}, \frac{(-1+T)^2(3-6T-5T^2+8T^3-15T^4+8T^5-5T^6-6T^7+3T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 198], \left\{ \frac{(-1+T)(1+T^2)(2-3T+2T^2)}{T^3}, -\frac{(-1+T)(3-12T+12T^2+22T^3-65T^4+87T^5-76T^6+50T^7-32T^8+20T^9-9T^{10}+2T^{11})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 199], \left\{ \frac{(-1+T)(2-T+2T^3-T^5+2T^6)}{T^4}, -\frac{(-1+T)(19-38T+24T^2+25T^3-49T^4+13T^5+42T^6-48T^7-T^8+44T^9-29T^{10}-15T^{11}+33T^{12}-17T^{13}-T^{14}+2T^{15})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 200], \left\{ \frac{2(-1+T)(1-T+T^2)^2}{T^3}, -\frac{(-1+T)(1-T+T^2)(3-14T+55T^2-105T^3+111T^4-63T^5+14T^6+5T^7-6T^8+2T^9)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 201], \left\{ \frac{(-1+T)(2-T+T^2)(1-T+2T^2)}{T^3}, -\frac{(-1+T)(3-12T+54T^2-126T^3+195T^4-199T^5+130T^6-44T^7-5T^8+13T^9-7T^{10}+2T^{11})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 202], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-\sqrt{T}+T)(1+\sqrt{T}+T)(1-T+T^2)}{T^{7/2}}, \frac{(-1+T)^2(-1+10T^2-30T^3+64T^4-88T^5+104T^6-92T^7+66T^8-30T^9+12T^{10}-4T^{11}+T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 203], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+3T^2+T^4)}{T^{7/2}}, \frac{(-1+T)^2(-3+10T-32T^2+82T^3-138T^4+198T^5-194T^6+146T^7-74T^8+26T^9-2T^{11}+T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 204], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T)^2(1-T+T^2)(1-T+T^2-T^3+T^4)}{T^{9/2}}, \frac{(-1+T)^2(1+T)^2(-9+18T-27T^2+22T^3-17T^4+2T^5+8T^6-20T^7+16T^8-8T^9-9T^{10}+18T^{11}-27T^{12}+22T^{13}-13T^{14}+2T^{15})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 205], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T)^2(1-T+T^2)}{T^{5/2}}, -\frac{(-1+T)^2(1+T)^2(-3-2T+4T^2-12T^3+8T^4-4T^5-3T^6+2T^7)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 206], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+T^2)^2}{T^{7/2}}, \frac{(-1+T)^2(1+T)^2(-3+10T-21T^2+46T^3-68T^4+76T^5-52T^6+22T^7-T^8-2T^9+T^{10})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 207], \left\{ \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(1 - T + T^2)(1 - 2T + 4T^2 - 2T^3 + T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1 + T)^2(1 - 8T + 47T^2 - 138T^3 + 299T^4 - 472T^5 + 594T^6 - 584T^7 + 455T^8 - 264T^9 + 113T^{10} - 30T^{11} + 5T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 208], \left\{ \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(1 - T + T^2)(1 + T^4)}{T^{7/2}}, \frac{(-1 + T)^2(1 - 2T - T^2 + 8T^3 - 13T^4 + 26T^5 - 22T^6 + 22T^7 - 11T^8 + 12T^9 - 3T^{10} - 2T^{11} + 3T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 209], \left\{ \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(1 + T^2)(1 - T + T^2)^2}{T^{7/2}}, \frac{(-1 + T)^2(1 - T + T^2)(1 - 3T + 16T^2 - 19T^3 + 33T^4 - 36T^5 + 41T^6 - 31T^7 + 26T^8 - 9T^9 + 3T^{10})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 210], \left\{ \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(1 + T^2)^2(1 - T + T^2)}{T^{7/2}}, \frac{(-1 + T)^2(1 - 2T + 15T^2 - 16T^3 + 33T^4 - 30T^5 + 48T^6 - 38T^7 + 47T^8 - 28T^9 + 25T^{10} - 6T^{11} + 3T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 211], \left\{ \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(1 - T + T^2)(1 + \sqrt{T} - T^{3/2} + T^2)(1 - \sqrt{T} + T^{3/2} + T^2)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1 + T)^2(1 - 4T + 28T^2 - 68T^3 + 158T^4 - 238T^5 + 312T^6 - 296T^7 + 236T^8 - 128T^9 + 58T^{10} - 14T^{11} + 3T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 212], \left\{ \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(1 + T^2)(1 - 2T + 4T^2 - 2T^3 + T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1 + T)^2(1 - 4T + 24T^2 - 52T^3 + 111T^4 - 146T^5 + 192T^6 - 178T^7 + 153T^8 - 94T^9 + 48T^{10} - 14T^{11} + 3T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 213], \left\{ -\frac{(-1 + \sqrt{T})(1 + \sqrt{T})(1 - T + T^2)(1 - 2T - 2T^3 + T^4)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1 + T)^2(5 - 34T + 79T^2 - 130T^3 + 175T^4 - 204T^5 + 216T^6 - 204T^7 + 175T^8 - 130T^9 + 79T^{10} - 34T^{11} + 5T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 214], \left\{ -\frac{(-1 + \sqrt{T})(1 + \sqrt{T})(-1 - \sqrt{T} + T)(-1 + \sqrt{T} + T)(1 + T^2)(1 - T + T^2)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1 + T)^2(5 - 44T + 144T^2 - 312T^3 + 514T^4 - 676T^5 + 740T^6 - 676T^7 + 514T^8 - 312T^9 + 144T^{10} - 44T^{11} + 5T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 215], \left\{ -\frac{(-1 + \sqrt{T})(1 + \sqrt{T})(2 - 7T + 8T^2 - 7T^3 + 2T^4)}{T^{5/2}}, \frac{(-1 + T)^2(14 - 112T + 309T^2 - 520T^3 + 612T^4 - 520T^5 + 309T^6 - 112T^7 + 14T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 216], \left\{ -\frac{2(-1 + \sqrt{T})^3(1 + \sqrt{T})^3(1 - T + T^2)}{T^{5/2}}, \frac{(-1 + T)^2(-3 + 24T - 81T^2 + 154T^3 - 200T^4 + 180T^5 - 115T^6 + 48T^7 - 13T^8 + 2T^9)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 217], \left\{ \frac{3(-1 + \sqrt{T})^3(1 + \sqrt{T})^3(1 - T + T^2)}{T^{5/2}}, -\frac{(-1 + T)^2(-12 + 73T - 188T^2 + 285T^3 - 274T^4 + 88T^5 + 140T^6 - 231T^7 + 148T^8 - 47T^9 + 6T^{10})}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 218], \left\{ \frac{(-1 + \sqrt{T})^3(1 + \sqrt{T})^3(1 + T)^2}{T^{5/2}}, \frac{(-1 + T)^2(1 + T)^2(2 - 9T + 8T^2 + 13T^3 - 22T^4 + 15T^5 - 4T^6 + T^7)}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 219], \left\{ \frac{(-1 + \sqrt{T})^3(1 + \sqrt{T})^3(1 - \sqrt{T} + T)(1 + \sqrt{T} + T)}{T^{5/2}}, \frac{(-1 + T)^2(2 - 7T + 8T^2 - 9T^3 + 28T^4 - 28T^5 + 22T^6 - 5T^7 + T^9)}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 220], \left\{ \frac{(-1 + \sqrt{T})(1 + \sqrt{T})(2 - T + T^2 + T^4 - T^5 + 2T^6)}{T^{7/2}}, \right. \right. \\ \left. \left. -\frac{(-1 + T)^2(4 - 36T + 32T^2 - 25T^3 - 4T^4 - T^5 + 2T^6 - 30T^7 + 16T^8 - 7T^9 - 12T^{10} - 11T^{11} + 22T^{12} - 38T^{13} + 8T^{14})}{2T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 221], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(3-8T+12T^2-8T^3+3T^4)}{T^{5/2}}, \frac{(-1+T)^2(-6+17T+18T^2-182T^3+442T^4-548T^5+394T^6-150T^7+24T^8+T^9)}{2T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 222], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T^2)(1-T^2+2T^3-T^4+T^6)}{T^{9/2}}, \frac{(-1+T)^2(9+28T^3-24T^4+20T^5+30T^6-56T^7+86T^8-56T^9+30T^{10}+20T^{11}-24T^{12}+28T^{13}+9T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 223], \left\{ -\frac{3(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+T^2)}{T^{5/2}}, \frac{(-1+T)^2(29-112T+190T^2-252T^3+266T^4-252T^5+190T^6-112T^7+29T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 224], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T-2T^2+4T^3-2T^4+T^5+T^6)}{T^{7/2}}, \frac{(-1+T)^2(7+14T-19T^2+20T^3+54T^4-114T^5+164T^6-114T^7+54T^8+20T^9-19T^{10}+14T^{11}+7T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 225], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(3-T+3T^2)}{T^{5/2}}, \frac{(-1+T)^2(29-130T+265T^2-386T^3+424T^4-386T^5+265T^6-130T^7+29T^8)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 226], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1+T)^2}{T^{5/2}}, \frac{(-1+T)^2(1+T)^2(3-10T+9T^2-8T^3+9T^4-10T^5+3T^6)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 227], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(-1-\sqrt{T}+T)(1-\sqrt{T}+T)(-1+\sqrt{T}+T)(1+\sqrt{T}+T)}{T^{7/2}}, \frac{(-1+T)^2(1-3T+T^2)(3-15T+20T^2-9T^3+9T^4-4T^5+9T^6-9T^7+20T^8-15T^9+3T^{10})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 228], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(1+T-2T^2+T^3+T^4)}{T^{7/2}}, \frac{(-1+T)^2(3-4T+8T^3+10T^4-28T^5+48T^6-28T^7+10T^8+8T^9-4T^{11}+3T^{12})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 229], \left\{ \frac{2(-1+T)(1-T+T^2)(1+T^4)}{T^3}, \frac{(-1+T)(2-19T+45T^2-61T^3+57T^4-59T^5+81T^6-94T^7+82T^8-61T^9+67T^{10}-81T^{11}+77T^{12}-41T^{13}+11T^{14}+2T^{15})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 230], \left\{ \frac{(-1+T)(1-T+T^2)(3-4T+3T^2)}{T^3}, \frac{(-1+T)^2(3-21T+74T^2-179T^3+317T^4-392T^5+352T^6-217T^7+93T^8-24T^9+3T^{10})}{T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 231], \left\{ -\frac{(-1+T)(1+T^2)(1-3T+5T^2-3T^3+T^4)}{T^4}, -\frac{(-1+T)^2(3-19T+61T^2-117T^3+158T^4-157T^5+129T^6-87T^7+58T^8-33T^9+17T^{10}-5T^{11}+T^{12})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 232], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+4T^2-4T^3+T^4)}{T^{3/2}}, \frac{(-1+T)(-4+35T-127T^2+282T^3-470T^4+560T^5-444T^6+198T^7-38T^8-T^9+T^{10})}{2T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 233], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T^2)(1-T+T^2)(1+T-2T^2+T^3+T^4)}{T^{9/2}}, \frac{(-1+T)^2(9-16T^2+56T^3-41T^4-20T^5+168T^6-288T^7+356T^8-288T^9+168T^{10}-20T^{11}-41T^{12}+56T^{13}-16T^{14}+9T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 234], \left\{ -\frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+5T^2-T^3+T^4)}{T^{7/2}}, \frac{(-1+T)^2(-2+11T-48T^2+145T^3-330T^4+580T^5-772T^6+712T^7-472T^8+212T^9-54T^{10}-13T^{11}+16T^{12}-7T^{13}+2T^{14})}{2T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 235], \left\{ -\frac{(-1+\sqrt{T})(1+\sqrt{T})(1-3T-3T^5+T^6)}{T^{7/2}}, \frac{(-1+T)^2(7-40T+61T^2-24T^3+16T^4-24T^5+56T^6-16T^7+16T^8-24T^9+67T^{10}-36T^{11}+5T^{12})}{2T^7} \right\} \right\}$$

$$\begin{aligned}
 & \left\{ \text{Link}[11, \text{NonAlternating}, 236], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T)^2(1-T+T^2)(2-3T+2T^2)}{T^{7/2}}, \right. \right. \\
 & \quad \left. \left. - \frac{(-1+T)^2(1+T)^2(4-60T+192T^2-345T^3+356T^4-180T^5-50T^6+112T^7+2T^8-133T^9+138T^{10}-68T^{11}+12T^{12})}{2T^8} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 237], \left\{ - \frac{(-1+\sqrt{T})(1+\sqrt{T})(1+T)^2(-1-\sqrt{T}+T)(-1+\sqrt{T}+T)(1-T+T^2)}{T^{7/2}}, \right. \right. \\
 & \quad \left. \left. \frac{(-1+T)^2(1+T)^2(5-30T+57T^2-36T^3-15T^4+50T^5-15T^6-36T^7+57T^8-30T^9+5T^{10})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 238], \left\{ - \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+8T^2-12T^3+8T^4-4T^5+T^6)}{T^{7/2}}, \right. \right. \\
 & \quad \left. \left. \frac{(-1+T)(2-17T+71T^2-202T^3+420T^4-638T^5+734T^6-636T^7+366T^8-72T^9-100T^{10}+146T^{11}-108T^{12}+51T^{13}-15T^{14}+2T^{15})}{2T^8} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 239], \left\{ \frac{2(-1+\sqrt{T})(1+\sqrt{T})}{\sqrt{T}}, - \frac{(-1+T)(-14+41T-47T^2+28T^3-12T^4+2T^5)}{T^2} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 240], \left\{ \frac{2(-1+\sqrt{T})^3(1+\sqrt{T})^3}{T^{3/2}}, - \frac{(-1+T)^2(2-3T-6T^2+16T^3-22T^4+15T^5-8T^6+2T^7)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 241], \left\{ - \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-2T+T^2-2T^3+T^4)}{T^{7/2}}, \right. \right. \\
 & \quad \left. \left. - \frac{(-1+T)^2(2-13T+30T^2-26T^3-14T^4+78T^5-150T^6+216T^7-268T^8+262T^9-192T^{10}+94T^{11}-26T^{12}+3T^{13})}{2T^8} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 242], \left\{ \frac{2(-1+\sqrt{T})^5(1+\sqrt{T})^5}{T^{5/2}}, \frac{(-1+T)^4(5-28T+55T^2-42T^3+3T^4+22T^5-13T^6+2T^7)}{T^5} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 243], \right. \\
 & \quad \left\{ - \frac{2(-1+\sqrt{T})(1+\sqrt{T})(1-3T+3T^2-3T^3+T^4)}{T^{5/2}}, \frac{(-1+T)(4-23T+51T^2-71T^3+97T^4-101T^5+41T^6+49T^7-77T^8+47T^9-15T^{10}+2T^{11})}{T^6} \right\} \\
 & \left. \left\{ \text{Link}[11, \text{NonAlternating}, 244], \{0, 0\} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 245], \right. \\
 & \quad \left\{ \frac{3(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+T^2)}{T^{5/2}}, - \frac{(-1+T)^2(6-25T+66T^2-129T^3+174T^4-196T^5+156T^6-51T^7-60T^8+77T^9-36T^{10}+6T^{11})}{2T^6} \right\} \\
 & \left. \left\{ \text{Link}[11, \text{NonAlternating}, 246], \right. \right. \\
 & \quad \left. \left\{ \frac{2(-1+\sqrt{T})(1+\sqrt{T})(1-4T+7T^2-4T^3+T^4)}{T^{5/2}}, - \frac{(-1+T)(2-21T+89T^2-202T^3+272T^4-223T^5+103T^6-26T^7+8T^8-5T^9+T^{10})}{T^6} \right\} \right. \\
 & \quad \left. \left\{ \text{Link}[11, \text{NonAlternating}, 247], \{0, 0\} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 248], \left\{ \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-2T+5T^2-2T^3+T^4)}{T^{7/2}}, \right. \right. \\
 & \quad \left. \left. - \frac{(-1+T)^2(1-10T+58T^2-194T^3+448T^4-754T^5+918T^6-844T^7+574T^8-292T^9+104T^{10}-24T^{11}+3T^{12})}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 249], \left\{ - \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-5T+10T^2-14T^3+10T^4-5T^5+T^6)}{T^{5/2}}, \right. \right. \\
 & \quad \left. \left. \frac{(-1+T)(-2+25T-121T^2+325T^3-593T^4+798T^5-788T^6+492T^7-24T^8-360T^9+472T^{10}-327T^{11}+135T^{12}-31T^{13}+3T^{14})}{2T^6} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 250], \left\{ - \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-4T+6T^2-4T^3+6T^4-4T^5+T^6)}{T^{5/2}}, \right. \right. \\
 & \quad \left. \left. - \frac{(-1+T)(-2+15T-33T^2+4T^3+72T^4-58T^5-56T^6+142T^7-142T^8+74T^9+18T^{10}-60T^{11}+40T^{12}-11T^{13}+T^{14})}{2T^6} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 251], \right. \\
 & \quad \left\{ - \frac{(-1+\sqrt{T})^3(1+\sqrt{T})^3(1-T+5T^2-T^3+T^4)}{T^{7/2}}, \frac{(-1+T)^2(1-6T+23T^2-56T^3+88T^4-114T^5+108T^6-114T^7+88T^8-56T^9+23T^{10}-6T^{11}+T^{12})}{2T^7} \right\} \\
 & \left. \left\{ \text{Link}[11, \text{NonAlternating}, 252], \right. \right. \\
 & \quad \left. \left\{ \frac{(-1+T)(2+T^2+2T^4)}{T^3}, - \frac{(-1+T)(13-11T+4T^2-2T^3+14T^4-15T^5+4T^6-T^7+8T^8-11T^9+2T^{10})}{T^6} \right\} \right. \\
 & \quad \left. \left. \right\} \right\}
 \end{aligned}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 253], \left\{ \frac{(-1+T)(1-T+T^2)(2+T-T^2+T^3+2T^4)}{T^4}, \right. \right.$$

$$\left. \left. - \frac{(-1+T)(17-33T+20T^2+36T^3-63T^4+18T^5+55T^6-61T^7-5T^8+58T^9-40T^{10}-12T^{11}+31T^{12}-18T^{13}+2T^{14})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 254], \left\{ \frac{(-1+\sqrt{T})(1+\sqrt{T})(1-T+T^2)(1+T+T^3+T^5+T^6)}{T^{9/2}}, \right. \right.$$

$$\left. \left. \frac{(-1+T)^2(9+28T^3-12T^4+20T^5+30T^6-28T^7+63T^8-28T^9+30T^{10}+20T^{11}-12T^{12}+28T^{13}+9T^{16})}{2T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 255], \right.$$

$$\left\{ -\frac{(-1+T)^2(2-4T+5T^2-4T^3+2T^4)}{T^3}, \frac{(-1+T)^2(9-52T+139T^2-248T^3+336T^4-370T^5+336T^6-248T^7+139T^8-52T^9+9T^{10})}{T^6} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 256], \left\{ -\frac{(-1+T)^2(1-T+T^2)}{T^2}, -\frac{(-1+T)^2(1-3T^2+6T^3-3T^4+T^6)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 257], \left\{ -\frac{(-1+T)^2(3-5T+3T^2)}{T^2}, \frac{2(-1+T)^2(7-42T+100T^2-131T^3+100T^4-42T^5+7T^6)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 258], \right.$$

$$\left\{ \frac{(-1+T)^2(1-5T+7T^2-5T^3+T^4)}{T^3}, \frac{(-1+T)^2(1-12T+53T^2-122T^3+184T^4-206T^5+184T^6-122T^7+53T^8-12T^9+T^{10})}{T^6} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 259], \right.$$

$$\left\{ \frac{(-1+T)^2(1-3T+3T^2-3T^3+T^4)}{T^3}, -\frac{(-1+T)^2(1-3T+T^2)(1-T+T^2)(1-4T+5T^2-2T^3+5T^4-4T^5+T^6)}{T^6} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 260], \left\{ -\frac{(-1+T)^2(1-3T+5T^2-3T^3+T^4)}{T^3}, \frac{2(-1+T)^2(1-3T+5T^2-3T^3+T^4)}{T^3} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 261], \right.$$

$$\left\{ -\frac{(-1+T)^2(1-T+T^2-T^3+T^4)}{T^3}, -\frac{(-1+T)^2(2-8T+11T^2-10T^3+9T^4-10T^5+9T^6-10T^7+11T^8-8T^9+2T^{10})}{T^6} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 262], \right.$$

$$\left\{ \frac{(-1+T)^2(1+3T-5T^2+3T^3+T^4)}{T^3}, \frac{(-1+T)^2(3+12T-31T^2-58T^3+270T^4-390T^5+270T^6-58T^7-31T^8+12T^9+3T^{10})}{T^6} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 263], \right.$$

$$\left\{ \frac{(-1+T)^2(1-3T+7T^2-3T^3+T^4)}{T^3}, \frac{(-1+T)^2(1-8T+34T^2-82T^3+143T^4-174T^5+143T^6-82T^7+34T^8-8T^9+T^{10})}{T^6} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 264], \right.$$

$$\left\{ -\frac{(-1+T)^2(1-3T+T^2-3T^3+T^4)}{T^3}, \frac{2(-1+T)^2(1-8T+22T^2-31T^3+32T^4-31T^5+32T^6-31T^7+22T^8-8T^9+T^{10})}{T^6} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 265], \right.$$

$$\left\{ -\frac{(-1+T)^2(2-4T+5T^2-4T^3+2T^4)}{T^3}, -\frac{(-1+T)^2(9-56T+159T^2-298T^3+418T^4-466T^5+418T^6-298T^7+159T^8-56T^9+9T^{10})}{T^6} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 266], \left\{ -\frac{(-1+T)^2(2-3T+2T^2)}{T^2}, \frac{(-1+T)^2(9-34T+65T^2-78T^3+65T^4-34T^5+9T^6)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 267], \right.$$

$$\left\{ \frac{(-1+T)^2(2-T^2+2T^4)}{T^3}, -\frac{(-1+T)^2(3-8T+3T^2+6T^3-16T^4+22T^5-16T^6+6T^7+3T^8-8T^9+3T^{10})}{T^6} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 268], \right.$$

$$\left\{ -\frac{(-1+T)^2(2-3T+3T^2-3T^3+2T^4)}{T^3}, -\frac{(-1+T)^2(9-48T+112T^2-176T^3+223T^4-242T^5+223T^6-176T^7+112T^8-48T^9+9T^{10})}{T^6} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 269], \left\{ -\frac{(-1+T)^2(1-T+T^2)}{T^2}, \frac{(-1+T)^2(3-8T+13T^2-14T^3+13T^4-8T^5+3T^6)}{T^4} \right\} \right\}$$

$$\begin{aligned}
 & \left\{ \text{Link}[11, \text{NonAlternating}, 270], \right. \\
 & \left. \left\{ \frac{(-1+T)^2 (1+T+T^2) (2-3T+2T^2)}{T^3}, - \frac{(-1+T)^2 (3-8T+6T^2-13T^4+22T^5-13T^6+6T^8-8T^9+3T^{10})}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 271], \left\{ - \frac{(-1+T)^2 (4-7T+4T^2)}{T^2}, - \frac{2(-1+T)^2 (12-72T+174T^2-229T^3+174T^4-72T^5+12T^6)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 272], \left\{ - \frac{(-1+T)^2}{T}, \frac{2(-1+T)^2 (2-3T+2T^2)}{T^2} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 273], \left\{ \frac{(-1+T)^2 (4-5T+4T^2)}{T^2}, - \frac{2(-1+T)^2 (8-36T+55T^2-36T^3+8T^4)}{T^3} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 274], \left\{ \frac{(-1+T)^2 (1-T+2T^2+T^3+2T^4-T^5+T^6)}{T^4}, \right. \right. \\
 & \left. \left. \frac{(-1+T)^2 (2-8T+20T^2-26T^3+24T^4-14T^5+11T^6-14T^7+11T^8-14T^9+24T^{10}-26T^{11}+20T^{12}-8T^{13}+2T^{14})}{T^8} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 275], \right. \\
 & \left. \left\{ - \frac{(-1+T)^2 (1-3T+5T^2-3T^3+T^4)}{T^3}, - \frac{2(-1+T)^2 (1-3T+5T^2-3T^3+T^4) (1-2T+4T^2-2T^3+T^4)}{T^5} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 276], \right. \\
 & \left. \left\{ \frac{(-1+T)^2 (1+T+T^3+T^5+T^6)}{T^4}, \frac{(-1+T)^2 (4-7T^2+6T^3-2T^4-2T^5+10T^6-14T^7+10T^8-2T^9-2T^{10}+6T^{11}-7T^{12}+4T^{14})}{T^8} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 277], \right. \\
 & \left. \left\{ - \frac{(-1+T)^2 (1-T+T^2-T^3+T^4)}{T^3}, \frac{(-1+T)^2 (2-10T+17T^2-22T^3+25T^4-28T^5+25T^6-22T^7+17T^8-10T^9+2T^{10})}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 278], \left\{ \frac{(-1+T)^2 (1-T^2+T^4)}{T^3}, \frac{(-1+T)^4 (1+T^2+4T^3+3T^4+4T^5+T^6+T^8)}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 279], \left\{ - \frac{(-1+T)^2 (2-3T+2T^2)}{T^2}, - \frac{(-1+T)^4 (5-10T+12T^2-10T^3+5T^4)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 280], \left\{ - \frac{(-1+T)^4 (1-T+T^2)}{T^3}, - \frac{(-1+T)^4 (2-7T+18T^2-22T^3+18T^4-7T^5+2T^6)}{T^5} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 281], \left\{ - \frac{(-1+T)^4 (1-T+T^2)}{T^3}, \frac{(-1+T)^4 (1+T^2) (2-14T+33T^2-44T^3+33T^4-14T^5+2T^6)}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 282], \left\{ \frac{(-1+T)^4 (1-T+T^2)}{T^3}, - \frac{(-1+T)^6 (1-4T+5T^2-6T^3+5T^4-4T^5+T^6)}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 283], \left\{ - \frac{(-1+T)^6}{T^3}, \frac{2(-1+T)^6 (1-3T+T^2) (1-T+T^2)}{T^5} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 284], \right. \\
 & \left. \left\{ \frac{(-1+T)^4 (1+T^4)}{T^4}, - \frac{(-1+T)^4 (2-8T+12T^2-6T^3+T^4-2T^5+6T^6-2T^7+T^8-6T^9+12T^{10}-8T^{11}+2T^{12})}{T^8} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 285], \right. \\
 & \left. \left\{ - \frac{(-1+T)^2 (2-2T-T^2-2T^3+2T^4)}{T^3}, - \frac{(-1+T)^4 (2-17T+31T^2-12T^3+26T^4-35T^5+29T^6-10T^7+29T^8-17T^9+2T^{10})}{T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 286], \right. \\
 & \left. \left\{ \frac{(-2+T) (-1+T)^2 (-1+2T)}{T^2}, - \frac{(-1+T)^3 (4-20T+42T^2-75T^3+122T^4-112T^5+53T^6-14T^7+2T^8)}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 287], \left\{ \frac{(-1+T)^4}{T^2}, - \frac{(-1+T)^6 (1+T-T^2+5T^3)}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 288], \right. \\
 & \left. \left\{ - \frac{(-1+T)^2 (1-T-T^3-T^5+T^6)}{T^4}, \frac{(-1+T)^4 (3-6T+T^2-6T^3+T^4-6T^5-T^6-6T^7+T^8-6T^9+T^{10}-6T^{11}+3T^{12})}{T^8} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 289], \left\{ \frac{(-1+T)^2 (1-3T+3T^2-3T^3+T^4)}{T^3}, \frac{(-1+T)^4 (1-T+T^2) (1-7T+11T^2-6T^3+11T^4-7T^5+T^6)}{T^6} \right\} \right\}
 \end{aligned}$$

$$\begin{aligned}
 & \left\{ \text{Link}[11, \text{NonAlternating}, 290], \left\{ \frac{(-1+T)^4 (1-T+T^2)}{T^3}, \frac{(-1+T)^6 (1+T^2) (1-6T+8T^2-6T^3+T^4)}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 291], \right. \\
 & \quad \left. \left\{ -\frac{(-1+T)^2 (1-2T+2T^2-3T^3+2T^4-2T^5+T^6)}{T^2}, \frac{(-1+T)^3 (1-5T+9T^2-5T^3+3T^4-5T^5+16T^6-23T^7+34T^8-36T^9+21T^{10}-9T^{11}+2T^{12})}{T^3} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 292], \right. \\
 & \quad \left. \left\{ \frac{(-1+T)^2 (1-3T+3T^2-3T^3+T^4)}{T}, -\frac{(-1+T)^3 (1-5T+10T^2-13T^3+11T^4+3T^5-22T^6+37T^7-31T^8+10T^9+3T^{10}-4T^{11}+T^{12})}{T^5} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 293], \left\{ (-1+T)^4, -\frac{(-1+T)^6 (-1+T-T^3+4T^4-3T^5+T^6+T^7)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 294], \left\{ -\frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (1-T+T^2) (1-T^2+T^4)}{T^{11/2}}, \right. \right. \\
 & \quad \left. \left. -\frac{(-1+T)^2 (9-34T+42T^2-10T^3-31T^4+24T^5+13T^6-32T^7+9T^8+20T^9-23T^{10}-6T^{11}+28T^{12}-24T^{13}+7T^{14})}{2T^{11}} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 295], \left\{ \frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (-1-\sqrt{T}+T) (-1+\sqrt{T}+T) (1-T+T^2)}{T^{9/2}}, \right. \right. \\
 & \quad \left. \left. -\frac{(-1+T)^3 (-3+33T-120T^2+226T^3-285T^4+255T^5-164T^6+66T^7-7T^8-7T^9+2T^{10})}{2T^9} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 296], \right. \\
 & \quad \left. \left\{ -\frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (1-T+T^2)^2}{T^{9/2}}, -\frac{(-1+T)^2 (1-T+T^2) (1-3T+11T^2-44T^3+62T^4-48T^5+15T^6-3T^7+T^8)}{2T^9} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 297], \right. \\
 & \quad \left. \left\{ -\frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (1-T+T^2)^2}{T^{9/2}}, -\frac{(-1+T)^3 (1-T+T^2) (-1+2T+11T^2-39T^3+45T^4-29T^5+12T^6-7T^7+2T^8)}{2T^9} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 298], \right. \\
 & \quad \left. \left\{ -\frac{(-1+T)^2 (1-5T+9T^2-5T^3+T^4)}{T^3}, \frac{(-1+T)^3 (2-15T+36T^2+9T^3-213T^4+468T^5-539T^6+386T^7-182T^8+57T^9-11T^{10}+T^{11})}{T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 299], \right. \\
 & \quad \left. \left\{ -\frac{(-1+T)^2 (1-T-T^2-T^3+T^4)}{T^3}, -\frac{(-1+T)^3 (-1+4T+T^2-23T^3+29T^4-26T^5+20T^6-10T^7+9T^8-5T^9+T^{10})}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 300], \left\{ -\frac{(-2+T) (-1+T)^2 (-1+2T)}{T^2}, -\frac{(-1+T)^3 (2-10T+29T^2-59T^3+54T^4-20T^5+3T^6)}{T^5} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 301], \right. \\
 & \quad \left. \left\{ -\frac{(-1+T)^2 (2-4T+5T^2-4T^3+2T^4)}{T^3}, -\frac{(-1+T)^2 (9-56T+159T^2-302T^3+426T^4-476T^5+426T^6-302T^7+159T^8-56T^9+9T^{10})}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 302], \left\{ -\frac{(-1+T)^2}{T}, \frac{2(-1+T)^2 (1+T^2) (1-T+T^2)}{T^3} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 303], \left\{ -\frac{(-1+T)^2 (2-T+2T^2)}{T^2}, -\frac{(-1+T)^2 (7-20T+34T^2-38T^3+34T^4-20T^5+7T^6)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 304], \right. \\
 & \quad \left. \left\{ -\frac{(-1+T)^2 (2-2T+3T^2-2T^3+2T^4)}{T^3}, \frac{(-1+T)^2 (1-4T+12T^2-40T^3+74T^4-90T^5+74T^6-40T^7+12T^8-4T^9+T^{10})}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 305], \right. \\
 & \quad \left. \left\{ \frac{(-1+T)^2 (2-2T+5T^2-2T^3+2T^4)}{T^3}, \frac{(-1+T)^2 (5-20T+60T^2-116T^3+170T^4-194T^5+170T^6-116T^7+60T^8-20T^9+5T^{10})}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 306], \right. \\
 & \quad \left. \left\{ -\frac{(-1+T)^2 (1-T+T^2-T^3+T^4-T^5+T^6)}{T^4}, \frac{(-1+T)^2 (1+T^2) (3-12T+18T^2-16T^3+13T^4-18T^5+22T^6-18T^7+13T^8-16T^9+18T^{10}-12T^{11}+3T^{12})}{T^8} \right\} \right\}
 \end{aligned}$$

$$\begin{aligned}
 & \left\{ \text{Link}[11, \text{NonAlternating}, 307], \left\{ -\frac{(-1+T)^2(4-7T+4T^2)}{T^2}, -\frac{2(-1+T)^2(3-4T+3T^2)(4-20T+31T^2-20T^3+4T^4)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 308], \left\{ -\frac{(-1+T)^2(2-T+2T^2)}{T^2}, -\frac{(-1+T)^2(1+T)^2(7-24T+35T^2-24T^3+7T^4)}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 309], \left\{ \frac{3(-1+T)^2(1-3T+T^2)}{T^2}, \frac{(-3+T)(-1+T)^2(-1+3T)(1-3T+T^2)^2}{T^4} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 310], \right. \\
 & \quad \left. \left\{ \frac{(-1+T)^2(1-5T+7T^2-5T^3+T^4)}{T^3}, -\frac{(-1+T)^4(1-12T+46T^2-82T^3+98T^4-82T^5+46T^6-12T^7+T^8)}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 311], \left\{ \frac{(-1+T)^2(1+T-3T^2+T^3+T^4)}{T^3}, -\frac{(-1+T)^4(1-2T-3T^2-6T^3-T^4-6T^5-3T^6-2T^7+T^8)}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 312], \right. \\
 & \quad \left. \left\{ -\frac{(-1+T)^2(2-4T+5T^2-4T^3+2T^4)}{T^3}, \frac{(-1+T)^2(9-52T+135T^2-236T^3+314T^4-344T^5+314T^6-236T^7+135T^8-52T^9+9T^{10})}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 313], \right. \\
 & \quad \left. \left\{ \frac{(-1+T)^2(2+2T-3T^2+2T^3+2T^4)}{T^3}, \frac{(-1+T)^2(13-56T^2+46T^3+78T^4-158T^5+78T^6+46T^7-56T^8+13T^{10})}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 314], \left\{ -\frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(2-4T+3T^2-4T^3+2T^4)}{T^{9/2}}, \right. \right. \\
 & \quad \left. \left. -\frac{(-1+T)^3(-4+50T-196T^2+398T^3-610T^4+777T^5-831T^6+746T^7-544T^8+316T^9-118T^{10}+20T^{11})}{2T^{10}} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 315], \left\{ -\frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2}{T^{5/2}}, \frac{(-1+T)^4(-2+10T+T^2+8T^3-10T^4+2T^5)}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 316], \right. \\
 & \quad \left. \left\{ -\frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(3-5T+3T^2)}{T^{7/2}}, \frac{(-1+T)^2(-31+182T-382T^2+410T^3-196T^4-36T^5+101T^6-46T^7+6T^8)}{2T^7} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 317], \right. \\
 & \quad \left. \left\{ \frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(1-5T+7T^2-5T^3+T^4)}{T^{9/2}}, \frac{(-1+T)^2(3-36T+178T^2-476T^3+776T^4-882T^5+728T^6-436T^7+170T^8-36T^9+3T^{10})}{2T^9} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 318], \right. \\
 & \quad \left. \left\{ -\frac{(-1+T)^2(1-T+T^2)(2-3T+2T^2)}{T^3}, \frac{(-1+T)^2(9-66T+217T^2-458T^3+690T^4-788T^5+690T^6-458T^7+217T^8-66T^9+9T^{10})}{T^6} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 319], \right. \\
 & \quad \left. \left\{ -\frac{(-1+T)^2(1-T+T^2)(1-T+T^2-T^3+T^4)}{T^4}, -\frac{(-1+T)^4(1-4T+10T^2-14T^3+15T^4-14T^5+14T^6-14T^7+15T^8-14T^9+10T^{10}-4T^{11}+T^{12})}{T^8} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 320], \left\{ \frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(1-T+T^2+T^3+T^4-T^5+T^6)}{T^{5/2}}, \right. \right. \\
 & \quad \left. \left. \frac{(-1+T)^2(1+T)(1-7T+19T^2-25T^3+13T^4+9T^5-31T^6+45T^7-63T^8+85T^9-85T^{10}+59T^{11}-23T^{12}+5T^{13})}{2T^5} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 321], \left\{ -\frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(1+\sqrt{T}-T-T^{3/2}+T^2)(1-\sqrt{T}-T+T^{3/2}+T^2)}{T^{3/2}}, \right. \right. \\
 & \quad \left. \left. -\frac{(-1+T)^2(1-3T+5T^2-3T^3+T^4)(-2+6T-12T^2+15T^3-15T^4+12T^5-2T^6+T^8+T^9)}{2T^6} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 322], \left\{ -\frac{(-1+\sqrt{T})^6(1+\sqrt{T})^6}{T^{3/2}}, -\frac{(-1+T)^6(-2+8T-18T^2+23T^3-18T^4+7T^5+4T^6-T^7+T^9)}{2T^6} \right\} \right\} \\
 & \left\{ \text{Link}[11, \text{NonAlternating}, 323], \right. \\
 & \quad \left. \left\{ -\frac{(-1+T)^2(1-T-T^2-T^3-T^4-T^5+T^6)}{T^3}, \frac{(-1+T)^2(2-9T+10T^2-T^3-T^4-T^5-T^6-6T^7+5T^8+T^9+T^{10}+T^{11}+12T^{12}-15T^{13}+4T^{14})}{T^6} \right\} \right\}
 \end{aligned}$$

- { Link [11, NonAlternating, 324],
 $\left\{ \frac{(-1+T)^2 (1-3 T+3 T^2-3 T^3+T^4)}{T^2}, \frac{(-1+T)^2 (1-6 T+16 T^2-33 T^3+61 T^4-86 T^5+100 T^6-107 T^7+98 T^8-77 T^9+41 T^{10}-11 T^{11}+T^{12})}{T^6} \right\}$
- { Link [11, NonAlternating, 325], $\left\{ \frac{(-1+T)^6}{T^2}, \frac{(-1+T)^6 (1-4 T+8 T^2-15 T^3+19 T^4-18 T^5+19 T^6-9 T^7+T^8)}{T^6} \right\}$
- { Link [11, NonAlternating, 326],
 $\left\{ -\frac{(-1+T)^2 (1-T+T^2-T^3+T^4-T^5+T^6)}{T^4}, \frac{(-1+T)^2 (1-4 T+9 T^2-16 T^3+13 T^4-4 T^5+T^6-2 T^7+T^8-4 T^9+13 T^{10}-16 T^{11}+9 T^{12}-4 T^{13}+T^{14})}{T^8} \right\}$
- { Link [11, NonAlternating, 327],
 $\left\{ \frac{(-1+T)^2 (1-3 T+3 T^2-3 T^3+T^4)}{T^3}, -\frac{(-1+T)^2 (1-6 T+16 T^2-24 T^3+21 T^4-18 T^5+21 T^6-24 T^7+16 T^8-6 T^9+T^{10})}{T^6} \right\}$
- { Link [11, NonAlternating, 328], $\left\{ \frac{(-1+T)^4 (1+T^2)}{T^3}, -\frac{(-1+T)^4 (1-T+T^2) (1-T+T^2+2 T^3+T^4-T^5+T^6)}{T^6} \right\}$
- { Link [11, NonAlternating, 329],
 $\left\{ -\frac{(-1+T)^2 (2-T-T^2-T^3+2 T^4)}{T^3}, \frac{(-1+T)^2 (7-20 T+13 T^2+2 T^4-6 T^5+2 T^6+13 T^8-20 T^9+7 T^{10})}{T^6} \right\}$
- { Link [11, NonAlternating, 330], $\left\{ \frac{(-2+T) (-1+T)^2 (-1+2 T)}{T^2}, -\frac{(-1+T)^2 (1-9 T^2+14 T^3-9 T^4+T^6)}{T^4} \right\}$
- { Link [11, NonAlternating, 331], $\left\{ \frac{2 (-1+T)^4}{T^2}, -\frac{(-1+T)^4 (1+4 T-6 T^2+4 T^3+T^4)}{T^4} \right\}$
- { Link [11, NonAlternating, 332],
 $\left\{ -\frac{(-2+T) (-1+T)^2 (-1+2 T) (1+T+T^2)}{T^3}, \frac{(-1+T)^2 (9-44 T+66 T^2-44 T^3+47 T^4-66 T^5+47 T^6-44 T^7+66 T^8-44 T^9+9 T^{10})}{T^6} \right\}$
- { Link [11, NonAlternating, 333], $\left\{ \frac{(-2+T) (-1+T)^2 (-1+2 T)}{T^2}, \frac{(-1+T)^2 (1-16 T+63 T^2-98 T^3+63 T^4-16 T^5+T^6)}{T^4} \right\}$
- { Link [11, NonAlternating, 334], { 0, 0 }
- { Link [11, NonAlternating, 335], $\left\{ \frac{(-1+T)^4 (1-4 T+T^2)}{T^3}, \frac{(-1+T)^4 (1-12 T+55 T^2-122 T^3+144 T^4-122 T^5+55 T^6-12 T^7+T^8)}{T^6} \right\}$
- { Link [11, NonAlternating, 336], $\left\{ \frac{3 (-1+T)^4}{T^2}, -\frac{(-1+T)^4 (5-26 T+54 T^2-26 T^3+5 T^4)}{T^4} \right\}$
- { Link [11, NonAlternating, 337],
 $\left\{ \frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (1+3 T-4 T^2+3 T^3+T^4)}{T^{7/2}}, -\frac{(-1+T)^4 (-5-24 T-3 T^2+56 T^3-80 T^4+28 T^5+37 T^6-48 T^7+3 T^8+4 T^9)}{2 T^7} \right\}$
- { Link [11, NonAlternating, 338],
 $\left\{ \frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (1+\sqrt{T}-T^{3/2}+T^2) (1-\sqrt{T}+T^{3/2}+T^2)}{T^{7/2}}, -\frac{(-1+T)^6 (1+4 T+6 T^2+14 T^3-2 T^4+14 T^5-3 T^6+2 T^7)}{2 T^7} \right\}$
- { Link [11, NonAlternating, 339],
 $\left\{ -\frac{(-1+\sqrt{T})^4 (1+\sqrt{T})^4 (1-\sqrt{T}+T) (1+\sqrt{T}+T)}{T^{7/2}}, -\frac{(-1+T)^4 (-3+12 T-21 T^2+44 T^3-40 T^4+48 T^5-41 T^6+44 T^7-23 T^8+4 T^9)}{2 T^7} \right\}$
- { Link [11, NonAlternating, 340],
 $\left\{ -\frac{(-1+\sqrt{T})^4 (1+\sqrt{T})^4 (1-\sqrt{T}+T) (-1+\sqrt{T}+T)}{T^{7/2}}, -\frac{(-1+T)^4 (1-3 T+T^2) (1-T+T^2) (3-14 T+22 T^2+4 T^3-9 T^4+2 T^5)}{2 T^7} \right\}$
- { Link [11, NonAlternating, 341],
 $\left\{ \frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (1-\sqrt{T}-2 T-T^{3/2}+T^2) (1+\sqrt{T}-2 T+T^{3/2}+T^2)}{T^{7/2}}, \frac{(-1+T)^6 (1-10 T+18 T^2+10 T^3+18 T^4-10 T^5+T^6)}{2 T^7} \right\}$
- { Link [11, NonAlternating, 342], $\left\{ \frac{(-1+T)^4 (1+T+T^2)}{T^3}, \frac{(-1+T)^4 (-2+5 T-4 T^2+7 T^3-4 T^4+10 T^5-6 T^6+11 T^7-6 T^8+T^9)}{T^6} \right\}$

$$\begin{aligned}
& \left\{ \text{Link}[11, \text{NonAlternating}, 343], \left\{ \frac{3(-1+T)^4}{T^2}, \frac{(-1+T)^4(3-32T+91T^2-130T^3+127T^4-56T^5+9T^6)}{T^5} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 344], \right. \\
& \quad \left. \left\{ \frac{(-1+T)^2(1-3T+T^2)(1-T+T^2)}{T^3}, \frac{(-1+T)^2(1-3T+T^2)(1-9T+26T^2-41T^3+48T^4-41T^5+26T^6-9T^7+T^8)}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 345], \right. \\
& \quad \left. \left\{ -\frac{(-1+T)^2(1-T+T^2)(1-T^2+T^4)}{T^4}, -\frac{(-1+T)^2(4-14T+17T^2-4T^3-15T^4+11T^5+10T^6-22T^7+5T^8+16T^9-15T^{10}-9T^{11}+22T^{12}-16T^{13}+4T^{14})}{T^8} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 346], \right. \\
& \quad \left. \left\{ \frac{(-1+T)^2(1-5T+7T^2-5T^3+T^4)}{T^3}, \frac{(-1+T)^2(1-12T+53T^2-118T^3+164T^4-178T^5+164T^6-118T^7+53T^8-12T^9+T^{10})}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 347], \right. \\
& \quad \left. \left\{ -\frac{(-1+T)^2(1-T+T^2-T^3+T^4)}{T^3}, \frac{(-1+T)^2(2-8T+11T^2-14T^3+13T^4-14T^5+13T^6-14T^7+11T^8-8T^9+2T^{10})}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 348], \right. \\
& \quad \left. \left\{ -\frac{(-1+T)^2(1-T+T^2-T^3+T^4)}{T^3}, \frac{(-1+T)^2(2-8T+T^2+22T^3-3T^4-22T^5-3T^6+22T^7-T^8-8T^9+2T^{10})}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 349], \right. \\
& \quad \left. \left\{ \frac{(-1+T)^2(1-5T+3T^2-5T^3+T^4)}{T^3}, -\frac{(-1+T)^2(1-12T+49T^2-82T^3+84T^4-74T^5+84T^6-82T^7+49T^8-12T^9+T^{10})}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 350], \left\{ -\frac{(-1+T)^2}{T}, \frac{(-1+T)^2(3-11T+14T^2-9T^3+T^4)}{T^3} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 351], \right. \\
& \quad \left. \left\{ -\frac{(-1+T)^2(1-5T+9T^2-5T^3+T^4)}{T^3}, -\frac{(-1+T)^2(-2+17T-66T^2+155T^3-256T^4+325T^5-324T^6+247T^7-132T^8+47T^9-10T^{10}+T^{11})}{T^7} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 352], \left\{ \frac{(-1+T)^2(1-T+3T^2-T^3+T^4)}{T^3}, -\frac{(-1+T)^2(3-16T+24T^2-20T^3+20T^4-14T^5+T^6)}{T^4} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 353], \left\{ \frac{(-1+\sqrt{T})^6(1+\sqrt{T})^6}{T^{5/2}}, \frac{(-1+T)^8(7-14T+6T^2-18T^3+7T^4)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 354], \right. \\
& \quad \left. \left\{ -\frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(1-4T^2+T^4)}{T^{7/2}}, \frac{(-1+T)^4(3-4T-10T^2-10T^3-12T^4+40T^5-26T^6-14T^7+7T^8)}{2T^7} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 355], \right. \\
& \quad \left. \left\{ \frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(1-4T+8T^2-4T^3+T^4)}{T^{7/2}}, \frac{(-1+T)^4(1-8T+30T^2-42T^3+36T^4-28T^5+22T^6-6T^7+T^8)}{2T^7} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 356], \right. \\
& \quad \left. \left\{ \frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(1-4T+4T^2-4T^3+T^4)}{T^{7/2}}, \frac{(-1+T)^4(1-8T+18T^2-6T^3-12T^4-12T^5+26T^6-10T^7+T^8)}{2T^7} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 357], \right. \\
& \quad \left. \left\{ \frac{(-1+T)^2(1-2T-2T^3+T^4)}{T^3}, \frac{(-1+T)^3(2-7T+7T^2-9T^3+12T^4-18T^5+20T^6-23T^7+21T^8-8T^9+T^{10})}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 358], \left\{ \frac{2(-1+T)^2(1-3T+T^2)}{T^2}, \frac{(-1+T)^3(1-3T+T^2)(7-16T+30T^2-23T^3+4T^4)}{T^4} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 359], \right. \\
& \quad \left. \left\{ \frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(1-4T^2+T^4)}{T^{9/2}}, -\frac{(-1+T)^3(-3+5T+18T^2-12T^3-50T^4+76T^5-24T^6-5T^8-3T^9+2T^{10})}{2T^9} \right\} \right\}
\end{aligned}$$

$$\begin{aligned}
& \left\{ \text{Link}[11, \text{NonAlternating}, 360], \left\{ -\frac{(-1+T)^4}{T^2}, \frac{(-1+T)^4(1-4T^2+T^4)}{T^4} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 361], \left\{ -\frac{3(-1+T)^4}{T^2}, \frac{2(-1+T)^4(7-34T+45T^2-34T^3+7T^4)}{T^4} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 362], \left\{ \frac{(-1+T)^4(2-T+2T^2)}{T^3}, -\frac{(-1+T)^4(5-24T+53T^2-64T^3+78T^4-64T^5+53T^6-24T^7+5T^8)}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 363], \left\{ -\frac{(-1+T)^4}{T^2}, \frac{(-1+T)^4(3-8T+8T^2-8T^3+3T^4)}{T^4} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 364], \right. \\
& \quad \left. \left\{ \frac{(-1+\sqrt{T})^4(1+\sqrt{T})^4(1-T+T^2)}{T^{5/2}}, -\frac{(-1+T)^4(1-12T+37T^2-64T^3+84T^4-78T^5+53T^6-20T^7+3T^8)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 365], \right. \\
& \quad \left. \left\{ \frac{(-1+\sqrt{T})^4(1+\sqrt{T})^4(1-T+T^2)}{T^{5/2}}, \frac{(-1+T)^4(3-20T+55T^2-80T^3+88T^4-62T^5+35T^6-8T^7+T^8)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 366], \left\{ -\frac{(-1+\sqrt{T})^4(1+\sqrt{T})^4(1-\sqrt{T}+T-T^{3/2}+T^2)(1+\sqrt{T}+T+T^{3/2}+T^2)}{T^{7/2}}, \right. \right. \\
& \quad \left. \left. -\frac{(-1+T)^4(5-12T+5T^2-4T^3-6T^4-10T^5-2T^6-16T^7-8T^8-6T^9+T^{10}-14T^{11}+7T^{12})}{2T^7} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 367], \right. \\
& \quad \left. \left\{ \frac{(-1+\sqrt{T})^4(1+\sqrt{T})^4(1-\sqrt{T}+T)(1+\sqrt{T}+T)}{T^{5/2}}, \frac{(-1+T)^4(1+T)(3-7T+8T^2-4T^3+10T^5-5T^6+T^7)}{2T^5} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 368], \right. \\
& \quad \left. \left\{ -\frac{(-1+\sqrt{T})^4(1+\sqrt{T})^4(1+T)^2}{T^{9/2}}, -\frac{(-1+T)^4(1+T)^2(-5+10T+5T^2-8T^3+3T^4+8T^5-7T^6+2T^7)}{2T^9} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 369], \left\{ \frac{(-1+\sqrt{T})^6(1+\sqrt{T})^6}{T^{9/2}}, -\frac{(-1+T)^6(-1+21T^2-66T^3+59T^4-26T^5+5T^6)}{2T^9} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 370], \left\{ \frac{(-1+\sqrt{T})^6(1+\sqrt{T})^6}{T^{9/2}}, \frac{(-1+T)^6(5-28T+47T^2-26T^3+21T^4-14T^5+3T^6)}{2T^9} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 371], \right. \\
& \quad \left. \left\{ -\frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(1+T^2)(1-T+T^2)^2}{T^{7/2}}, \frac{(-1+T)^3(1-T+T^2)(-1+4T-9T^2+17T^3-8T^4+11T^5-7T^6-2T^7-T^8-7T^9+10T^{10}-5T^{11}+2T^{12})}{2T^7} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 372], \right. \\
& \quad \left. \left\{ \frac{2(-1+T)^2(1-2T+T^2-2T^3+T^4)}{T^3}, \frac{(-1+T)^3(-3+15T-30T^2+32T^3-41T^4+51T^5-58T^6+64T^7-35T^8+7T^9)}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 373], \right. \\
& \quad \left. \left\{ \frac{(-1+T)^2(1-2T+3T^2-6T^3+3T^4-2T^5+T^6)}{T^4}, \frac{(-1+T)^3(1-7T+19T^2-43T^3+72T^4-97T^5+100T^6-80T^7+58T^8-31T^9+14T^{10}-5T^{11}+T^{12})}{T^7} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 374], \left\{ -\frac{(-1+T)^4(2+T+2T^2)}{T^3}, \frac{(-1+T)^4(1+T^2)(9-26T+16T^2-8T^3+16T^4-26T^5+9T^6)}{T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 375], \right. \\
& \quad \left. \left\{ \frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(3-T-T^3+3T^4)}{T^{5/2}}, -\frac{(-1+T)^4(6-65T+66T^2-59T^3+78T^4-142T^5+102T^6-67T^7+84T^8-107T^9+24T^{10})}{2T^6} \right\} \right\} \\
& \left\{ \text{Link}[11, \text{NonAlternating}, 376], \right. \\
& \quad \left. \left\{ -\frac{(-1+\sqrt{T})^4(1+\sqrt{T})^4(1-\sqrt{T}+T)(1+\sqrt{T}+T)}{T^{5/2}}, \frac{(-1+T)^4(-2+7T-18T^2+11T^3-22T^4+22T^5-22T^6+11T^7-20T^8+9T^9)}{2T^6} \right\} \right\}
\end{aligned}$$

- {Link [11, NonAlternating, 377],
 $\left\{ -\frac{3(-1+\sqrt{T})^4(1+\sqrt{T})^4}{T^{3/2}}, -\frac{(-1+T)^4(-30+102T-201T^2+344T^3-394T^4+272T^5-75T^6+6T^7)}{2T^5} \right\}$
- {Link [11, NonAlternating, 378], $\left\{ \frac{(-1+\sqrt{T})^4(1+\sqrt{T})^4}{T^{3/2}}, \frac{(-1+T)^6(2-4T+5T^2-12T^3+T^4)}{2T^5} \right\}$
- {Link [11, NonAlternating, 379],
 $\left\{ -\frac{(-1+\sqrt{T})^2(1+\sqrt{T})^2(1+T)^2(1-T+T^2)}{T^{5/2}}, \frac{(-1+T)^3(1+T)^2(-2+9T-17T^2+20T^3-6T^4-4T^5+10T^6-9T^7+7T^8)}{2T^6} \right\}$
- {Link [11, NonAlternating, 380],
 $\left\{ -\frac{2(-1+\sqrt{T})^4(1+\sqrt{T})^4}{T^{3/2}}, -\frac{(-1+T)^4(-10+42T-95T^2+146T^3-136T^4+78T^5-19T^6+2T^7)}{T^5} \right\}$
- {Link [11, NonAlternating, 381], {0, 0}}
- {Link [11, NonAlternating, 382], $\left\{ \frac{2(-1+\sqrt{T})^4(1+\sqrt{T})^4}{T^{3/2}}, \frac{(-3+T)(-1+T)^4(-2+8T-15T^2+13T^3-T^4-T^5+2T^6)}{T^5} \right\}$
- {Link [11, NonAlternating, 383],
 $\left\{ -\frac{(-1+\sqrt{T})^4(1+\sqrt{T})^4(1+T^2)}{T^{5/2}}, -\frac{(-1+T)^4(-5+12T-28T^2+54T^3-46T^4+32T^5+4T^6-10T^7+3T^8)}{2T^5} \right\}$
- {Link [11, NonAlternating, 384], $\left\{ -\frac{(-1+\sqrt{T})^6(1+\sqrt{T})^6}{T^{5/2}}, -\frac{(-1+T)^8(3-16T+24T^2-18T^3+3T^4)}{2T^5} \right\}$
- {Link [11, NonAlternating, 385],
 $\left\{ -\frac{(-1+\sqrt{T})^4(1+\sqrt{T})^4(1-\sqrt{T}+T-T^{3/2}+T^2)(1+\sqrt{T}+T+T^{3/2}+T^2)}{T^{5/2}}, \frac{(-1+T)^4(3-6T-T^2-6T^4-2T^5-6T^6-6T^7-8T^8-2T^9-10T^{10}-12T^{11}+7T^{12})}{2T^5} \right\}$
- {Link [11, NonAlternating, 386],
 $\left\{ \frac{(-1+\sqrt{T})^4(1+\sqrt{T})^4(1-T+T^2)}{T^{3/2}}, \frac{(-1+T)^6(2-4T+8T^2-9T^3+4T^4-4T^5-6T^6+6T^7-10T^8+T^9)}{2T^6} \right\}$
- {Link [11, NonAlternating, 387], $\left\{ -\frac{(-1+T)^6}{T^2}, -\frac{(-1+T)^9(1-2T+3T^2-3T^3+3T^4)}{T^6} \right\}$
- {Link [11, NonAlternating, 388], $\left\{ \frac{(-1+T)^6}{T^2}, \frac{(-1+T)^8(1+T)(1-3T+4T^2-6T^3+2T^4)}{T^5} \right\}$
- {Link [11, NonAlternating, 389],
 $\left\{ \frac{(-1+T)^2(3-2T+2T^2-2T^3+3T^4)}{T^2}, -\frac{(-1+T)^3(-3+32T-81T^2+116T^3-150T^4+183T^5-203T^6+176T^7-145T^8+111T^9-58T^{10}+6T^{11})}{T^5} \right\}$
- {Link [11, NonAlternating, 390],
 $\left\{ -\frac{(-1+T)^2(1+2T-2T^2+2T^3+T^4)}{T^2}, \frac{(-1+T)^3(-1+T+6T^2-14T^3+22T^4-13T^5+13T^6-4T^7-3T^8+6T^9+3T^{10})}{T^5} \right\}$
- {Link [11, NonAlternating, 391], $\left\{ -\frac{(-1+T)^4(1+T^2)}{T^2}, \frac{(-1+T)^4(4-11T+20T^2-31T^3+30T^4-22T^5+4T^6+5T^7-10T^8+3T^9)}{T^5} \right\}$
- {Link [11, NonAlternating, 392],
 $\left\{ -\frac{(-1+T)^4(1-4T+T^2)}{T^2}, -\frac{(-1+T)^4(4-30T+80T^2-101T^3+30T^4+78T^5-96T^6+59T^7-18T^8+2T^9)}{T^5} \right\}$
- {Link [11, NonAlternating, 393], $\left\{ -\frac{(-1+T)^4(1+T^2)}{T^2}, \frac{(-1+T)^4(-1+6T-12T^2+25T^3-40T^4+36T^5-28T^6+5T^7+T^8)}{T^5} \right\}$
- {Link [11, NonAlternating, 394],
 $\left\{ -\frac{(-1+T)^4(1-T+T^2)(1+T+T^2)}{T^3}, \frac{(-1+T)^4(-1+4T-6T^2-2T^3-T^4-7T^6+8T^7-16T^8+14T^9-7T^{10}+2T^{11})}{T^5} \right\}$
- {Link [11, NonAlternating, 395], $\left\{ \frac{(-1+T)^4(1-T+T^2)}{T^2}, -\frac{(-1+T)^7(1-2T+3T^2-3T^3+5T^4-3T^5+T^6+T^7)}{T^6} \right\}$
- {Link [11, NonAlternating, 396], {0, 0}}

$$\left\{ \text{Link}[11, \text{NonAlternating}, 397], \left\{ \frac{(-1+\sqrt{T})^4 (1+\sqrt{T})^4 (1+T)^2}{T^{5/2}}, -\frac{(-1+T)^4 (1+T)^2 (1-8T+15T^2-18T^3+9T^4-10T^5+3T^6)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 398], \left\{ \frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (1+3T-4T^2+3T^3+T^4)}{T^{7/2}}, -\frac{(-1+T)^4 (-5-24T-T^2+56T^3-106T^4+58T^5+21T^6-54T^7+3T^8+4T^9)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 399], \left\{ -\frac{(-1+\sqrt{T})^4 (1+\sqrt{T})^4 (1-\sqrt{T}+T) (1+\sqrt{T}+T)}{T^{7/2}}, -\frac{(-1+T)^4 (-1+6T-5T^2+14T^3-6T^4+18T^5-11T^6+16T^7-9T^8+2T^9)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 400], \left\{ \frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (1+\sqrt{T}-T^{3/2}+T^2) (1-\sqrt{T}+T^{3/2}+T^2)}{T^{7/2}}, -\frac{(-1+T)^4 (-1+8T-29T^2+60T^3-126T^4+146T^5-119T^6+62T^7-21T^8+4T^9)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 401], \left\{ -\frac{(-1+\sqrt{T})^4 (1+\sqrt{T})^4 (-1-\sqrt{T}+T) (-1+\sqrt{T}+T)}{T^{7/2}}, -\frac{(-1+T)^4 (1-3T+T^2) (3-17T+41T^2-34T^3+7T^4+17T^5-11T^6+2T^7)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 402], \left\{ \frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (1-\sqrt{T}-2T-T^{3/2}+T^2) (1+\sqrt{T}-2T+T^{3/2}+T^2)}{T^{7/2}}, \frac{(-1+T)^4 (-1+10T-41T^2+90T^3-138T^4+90T^5-39T^6+24T^7-13T^8+2T^9)}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 403], \left\{ \frac{(-1+T)^4 (1+T+T^2)}{T^3}, \frac{(-1+T)^4 (-2+4T+6T^3-3T^4+6T^5-5T^6+11T^7-6T^8+T^9)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 404], \{0, 0\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 405], \left\{ \frac{(-1+T)^4 (1+T^2)^2}{T^4}, -\frac{2(-1+T)^4 (1+T^2)^3}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 406], \{0, 0\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 407], \left\{ \frac{2(-1+T)^4 (1+T^2)}{T^3}, -\frac{(-1+T)^4 (3-12T+16T^2-4T^3+10T^4-4T^5+16T^6-12T^7+3T^8)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 408], \left\{ \frac{(-1+\sqrt{T})^4 (1+\sqrt{T})^4}{T^{3/2}}, -\frac{3(-1+T)^6 (1+3T^2)}{2T^3} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 409], \left\{ -\frac{(-1+\sqrt{T})^4 (1+\sqrt{T})^4 (-1-\sqrt{T}+T) (-1+\sqrt{T}+T)}{T^{5/2}}, \frac{(-1+T)^6 (1-3T+T^2) (-3+15T-24T^2+29T^3-11T^4+2T^5)}{2T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 410], \left\{ -\frac{(-1+T)^4 (2-2T^2)}{T^4}, \frac{(-1+T)^4 (-2+18T-72T^2+148T^3-220T^4+236T^5-199T^6+121T^7-53T^8+11T^9)}{T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 411], \left\{ \frac{(-1+T)^2 (1+T)^2 (2-3T+2T^2)}{T^4}, \frac{(-1+T)^3 (1+T)^2 (-2-6T+19T^2-28T^3+40T^4-56T^5+56T^6-36T^7+11T^8)}{T^9} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 412], \left\{ -\frac{(-1+T)^2 (3-5T+3T^2)}{T^3}, \frac{(-1+T)^2 (2-25T+54T^2-48T^3-5T^4+48T^5-42T^6+12T^7)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 413], \left\{ \frac{(-1+T)^2 (1-3T+T^2)}{T^3}, -\frac{(-1+T)^2 (1-3T+T^2) (1-10T+13T^2-11T^3+4T^4-2T^5+T^6)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 414], \left\{ -\frac{(-1+T)^2 (1+T+T^2)}{T^3}, -\frac{(-1+T)^2 (-3+7T-6T^2+2T^3-7T^4+8T^5-7T^6+2T^7)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 415], \left\{ -\frac{(-1+T)^2 (5-7T+5T^2)}{T^3}, -\frac{(-1+T)^2 (64-315T+708T^2-978T^3+898T^4-549T^5+210T^6-47T^7+5T^8)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 416], \left\{ -\frac{(-1+T)^2 (2-3T+3T^2-3T^3+2T^4)}{T^4}, -\frac{(-1+T)^2 (-7+33T-65T^2+86T^3-81T^4+55T^5-22T^6-5T^7+27T^8-37T^9+31T^{10}-13T^{11}+2T^{12})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 417], \left\{ -\frac{(-1+\sqrt{T})^2 (1+\sqrt{T})^2 (1-\sqrt{T}+T) (1+\sqrt{T}+T) (2-3T+2T^2)}{T^{7/2}}, \right. \right. \\ \left. \left. \frac{(-1+T)^2 (-22+74T-115T^2+146T^3-176T^4+198T^5-190T^6+170T^7-143T^8+98T^9-36T^{10}+4T^{11})}{2T^7} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 418], \right. \\ \left. \left\{ \frac{(-1+T)^2 (1-2T+4T^2-2T^3+T^4)}{T^3}, \frac{(-1+T)^4 (1-4T+19T^2-28T^3+41T^4-28T^5+19T^6-4T^7+T^8)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 419], \left\{ -\frac{2(-1+T)^2 (1-T+T^2)}{T^2}, -\frac{(-1+T)^4 (5-6T+7T^2-6T^3+5T^4)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 420], \right. \\ \left. \left\{ -\frac{(-1+T)^2 (1-T-T^2-T^4-T^5+T^6)}{T^4}, \frac{(-1+T)^4 (3-6T-4T^2+2T^3-5T^4-4T^5+T^6-4T^7-5T^8+2T^9-4T^{10}-6T^{11}+3T^{12})}{T^8} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 421], \left\{ \frac{(-1+T)^2 (1-2T-2T^3+T^4)}{T^3}, -\frac{(-1+T)^4 (1-4T+3T^2+4T^3-3T^4+4T^5+3T^6-4T^7+T^8)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 422], \right. \\ \left. \left\{ \frac{(-1+T)^4 (1-T+T^2)}{T^3}, -\frac{(-1+T)^2 (1-8T+37T^2-100T^3+166T^4-200T^5+166T^6-100T^7+37T^8-8T^9+T^{10})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 423], \left\{ \frac{(-1+T)^2 (1-2T+T^2-2T^3+T^4)}{T^3}, -\frac{(-1+T)^6 (1+T)^2 (1-4T+4T^2-4T^3+T^4)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 424], \left\{ \frac{(-1+T)^6}{T^3}, \frac{(-1+T)^6 (1-8T+17T^2-18T^3+17T^4-8T^5+T^6)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 425], \left\{ -\frac{(-1+T)^2 (1-T+4T^2-T^3+T^4)}{T^3}, \frac{2(-1+T)^2 (1-6T+T^2) (1-T+T^2)^2}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 426], \{0, 0\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 427], \right. \\ \left. \left\{ \frac{(-1+T)^2 (1+T^2) (2-3T+2T^2)}{T^3}, \frac{(-1+T)^4 (5-14T+30T^2-20T^3+37T^4-20T^5+30T^6-14T^7+5T^8)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 428], \left\{ \frac{(-1+T)^4 (1+T)^2}{T^2}, \frac{(-1+T)^4 (1+T)^2 (1-3T+2T^2+3T^3-3T^4+2T^5-T^6+T^7)}{T^5} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 429], \right. \\ \left. \left\{ \frac{(-1+T)^2 (1-2T+2T^2+2T^4-2T^5+T^6)}{T^3}, \frac{(-1+T)^3 (-1+5T-12T^2+13T^3-10T^4-T^5+5T^6+4T^7-4T^8+11T^9-16T^{10}+19T^{11}-9T^{12}+2T^{13})}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 430], \left\{ -\frac{(-1+T)^4 (1-T+T^2)}{T^2}, -\frac{(-1+T)^4 (1-3T+4T^2-4T^4+5T^5-2T^6+T^7)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 431], \right. \\ \left. \left\{ \frac{(-1+T)^2 (1-4T+7T^2-4T^3+T^4)}{T^2}, -\frac{(-1+T)^3 (-3+29T-120T^2+271T^3-370T^4+335T^5-198T^6+71T^7-13T^8+T^9)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 432], \left\{ -\frac{(-1+T)^4 (1+T)^2}{T^3}, -\frac{2(-1+T)^2 (1+T)^2 (1-3T+T^2) (1-T+T^3) (1-T^2+T^3)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 433], \right. \\ \left. \left\{ -\frac{(-1+T)^4 (1+T)^2 (1-T+T^2)}{T^4}, -\frac{(-1+T)^2 (1+T)^2 (3-18T+44T^2-58T^3+35T^4+10T^5-34T^6+10T^7+35T^8-58T^9+44T^{10}-18T^{11}+3T^{12})}{T^8} \right\} \right\}$$


$$\left\{ \text{Link}[11, \text{NonAlternating}, 434], \left\{ -\frac{(-1+T)^2 (1-3T+6T^2-3T^3+T^4)}{T^3}, -\frac{(-1+T)^4 (5-24T+33T^2-24T^3+5T^4)}{T^4} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 435], \right. \\ \left. \left\{ \frac{(-1+T)^2 (1-6T+8T^2-6T^3+T^4)}{T^3}, -\frac{(-1+T)^4 (1-14T+61T^2-114T^3+137T^4-114T^5+61T^6-14T^7+T^8)}{T^6} \right\} \right\}$$

$$\left\{ \text{Link}[11, \text{NonAlternating}, 436], \left\{ \frac{(-1+T)^4 (1+T)^2}{T^3}, \frac{(-1+T)^8 (1+T)^2 (1+T^2)}{T^6} \right\} \right\}$$

- { Link [11, NonAlternating, 437],
 $\left\{ -\frac{(-1+\sqrt{T})^4 (1+\sqrt{T})^4 (1+T)^2}{T^{7/2}}, \frac{(-1+T)^2 (1+T)^2 (3-14 T+26 T^2-48 T^3+86 T^4-114 T^5+90 T^6-40 T^7+7 T^8)}{2 T^7} \right\}$
- { Link [11, NonAlternating, 438], $\left\{ \frac{(-1+T)^3 (3-4 T+3 T^2)}{T^3}, -\frac{(-1+T)^4 (9-45 T+95 T^2-121 T^3+88 T^4-32 T^5+3 T^6-4 T^7+3 T^8)}{T^7} \right\}$
- { Link [11, NonAlternating, 439], $\left\{ \frac{(-1+T)^3 (1+T^2)}{T^3}, -\frac{(-1+T)^4 (1-4 T+5 T^2-8 T^3+6 T^4-9 T^5+9 T^6-5 T^7+T^8)}{T^7} \right\}$
- { Link [11, NonAlternating, 440], $\left\{ -\frac{(-1+T)^5}{T^3}, -\frac{(-1+T)^6 (1-7 T+10 T^2-11 T^3+6 T^4-4 T^5+T^6)}{T^7} \right\}$
- { Link [11, NonAlternating, 441], $\left\{ \frac{(-1+T)^3 (3-2 T+3 T^2)}{T^3}, \frac{(-1+T)^4 (1+T) (-2+19 T-38 T^2+36 T^3-14 T^4+3 T^5)}{T^5} \right\}$
- { Link [11, NonAlternating, 442], $\left\{ -\frac{(-2+T) (-1+T)^3 (-1+2 T)}{T^3}, -\frac{(-1+T)^6 (4-25 T+50 T^2-45 T^3+23 T^4-10 T^5+2 T^6)}{T^7} \right\}$
- { Link [11, NonAlternating, 443], $\left\{ \frac{(-1+T)^3}{T^2}, -\frac{(-2+T) (-1+T)^6 (1-T+T^2)}{T^5} \right\}$
- { Link [11, NonAlternating, 444], $\left\{ \frac{(-1+T)^3 (2-3 T+2 T^2)}{T^3}, \frac{(-1+T)^5 (-3+12 T-29 T^2+13 T^3+17 T^4-10 T^5+2 T^6)}{T^6} \right\}$
- { Link [11, NonAlternating, 445], $\left\{ -\frac{2 (-1+\sqrt{T})^5 (1+\sqrt{T})^5}{T^{5/2}}, -\frac{(-1+T)^6 (-7+20 T-24 T^2+12 T^3-7 T^4+2 T^5)}{T^5} \right\}$
- { Link [11, NonAlternating, 446], { 0, 0 }
- { Link [11, NonAlternating, 447], $\left\{ \frac{2 (-1+\sqrt{T})^5 (1+\sqrt{T})^5}{T^{5/2}}, \frac{(-1+T)^6 (-3+4 T+20 T^3-11 T^4+2 T^5)}{T^5} \right\}$
- { Link [11, NonAlternating, 448], $\left\{ \frac{(-1+\sqrt{T})^5 (1+\sqrt{T})^5}{T^{5/2}}, \frac{(-1+T)^6 (-1-2 T+T^2) (-1+2 T+T^2)}{2 T^5} \right\}$
- { Link [11, NonAlternating, 449], $\left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-4 T+T^2)}{T^{5/2}}, \frac{(-1+T)^4 (1-18 T+81 T^2-144 T^3+81 T^4-18 T^5+T^6)}{2 T^5} \right\}$
- { Link [11, NonAlternating, 450],
 $\left\{ -\frac{(-1+\sqrt{T})^5 (1+\sqrt{T})^5 (1-T+T^2)}{T^{11/2}}, -\frac{(-1+T)^6 (-1+6 T-7 T^2-14 T^3+38 T^4-50 T^5+43 T^6-34 T^7+23 T^8-10 T^9+2 T^{10})}{2 T^{11}} \right\}$
- { Link [11, NonAlternating, 451], $\left\{ \frac{(-1+\sqrt{T})^5 (1+\sqrt{T})^5}{T^{9/2}}, \frac{(-1+T)^6 (-3-6 T+18 T^2-14 T^3+T^4-2 T^5+2 T^6)}{2 T^9} \right\}$
- { Link [11, NonAlternating, 452], $\left\{ -\frac{(-1+\sqrt{T})^5 (1+\sqrt{T})^5}{T^{9/2}}, -\frac{(-1+T)^6 (5-8 T-4 T^2+2 T^3+T^4)}{2 T^9} \right\}$
- { Link [11, NonAlternating, 453],
 $\left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (2+T+2 T^2+T^3+2 T^4)}{T^{5/2}}, -\frac{(-1+T)^4 (4-28 T+44 T^2-49 T^3+66 T^4-65 T^5+78 T^6-81 T^7+56 T^8-69 T^9+36 T^{10}-44 T^{11}+4 T^{12})}{2 T^6} \right\}$
- { Link [11, NonAlternating, 454],
 $\left\{ -\frac{2 (-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-T+T^2)}{T^{3/2}}, \frac{(-1+T)^4 (6-18 T+41 T^2-78 T^3+104 T^4-116 T^5+86 T^6-48 T^7+11 T^8)}{T^5} \right\}$
- { Link [11, NonAlternating, 455], $\left\{ \frac{2 (-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1-T+T^2)}{T^{5/2}}, \frac{(-1+T)^4 (1-3 T+T^2) (1+3 T-4 T^2+3 T^3+T^4)}{T^5} \right\}$
- { Link [11, NonAlternating, 456], $\left\{ -\frac{4 (-1+\sqrt{T})^3 (1+\sqrt{T})^3}{T^{3/2}}, \frac{8 (-1+T)^4 (3-4 T+3 T^2)}{T^3} \right\}$
- { Link [11, NonAlternating, 457], $\left\{ \frac{4 (-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1+T^2)}{T^{5/2}}, \frac{2 (-1+T)^4 (23-40 T+56 T^2-66 T^3+56 T^4-40 T^5+23 T^6)}{T^5} \right\}$
- { Link [11, NonAlternating, 458],
 $\left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (3-4 T+3 T^2)}{T^{5/2}}, -\frac{(-1+T)^4 (33-170 T+341 T^2-432 T^3+341 T^4-170 T^5+33 T^6)}{2 T^5} \right\}$
- { Link [11, NonAlternating, 459], $\left\{ \frac{(-1+\sqrt{T})^3 (1+\sqrt{T})^3 (1+T)^2}{T^{5/2}}, -\frac{(-1+T)^4 (1+T)^2 (7-8 T+10 T^2-8 T^3+7 T^4)}{2 T^5} \right\}$

In[*]:= MVA0 = Select[AllLinks[], (MultivariableAlexander[#][t] == 0) &]

 KnotTheory: Loading precomputed data in MultivariableAlexander4Links`.

Out[*]=

```
{Link[9, NonAlternating, 27], Link[10, NonAlternating, 32], Link[10, NonAlternating, 36],
Link[10, NonAlternating, 107], Link[11, NonAlternating, 244],
Link[11, NonAlternating, 247], Link[11, NonAlternating, 334],
Link[11, NonAlternating, 381], Link[11, NonAlternating, 396],
Link[11, NonAlternating, 404], Link[11, NonAlternating, 406]}
```

In[*]:= ρ Link /@ MVA0

Out[*]=

```
{{Link[9, NonAlternating, 27], {0, 0}},
{Link[10, NonAlternating, 32], {0, 0}}, {Link[10, NonAlternating, 36], {0, 0}},
{Link[10, NonAlternating, 107], {0, 0}}, {Link[11, NonAlternating, 244], {0, 0}},
{Link[11, NonAlternating, 247], {0, 0}}, {Link[11, NonAlternating, 334], {0, 0}},
{Link[11, NonAlternating, 381], {0, 0}}, {Link[11, NonAlternating, 396], {0, 0}},
{Link[11, NonAlternating, 404], {0, 0}}, {Link[11, NonAlternating, 406], {0, 0}}}
```

It remains to verify that this version of ρ does not depend on the component that was opened up. Here are some preliminary tests suggesting that this is indeed the case:

(*Test trefoil*)

ρ [{ {1, 1, 4, 2, 5}, {1, 5, 2, 6, 3}, {1, 3, 6, 4, 7}}, {0, 0, 0, -1, 0, 0, 0}]

Out[*]=

$$\left\{ \frac{1 - T + T^2}{T}, -\frac{(-1 + T)^2 (1 + T^2)}{T^2} \right\}$$

(*Hopf link opened up in two ways*)

ρ [{ {1, 1, 4, 2, 3}, {1, 3, 2, 4, 5}}, {0, 0, 0, -1, 0}] // Expand

ρ [{ {1, 4, 1, 5, 2}, {1, 2, 5, 3, 4}}, {0, 0, 0, 1, 0}] // Expand

Out[*]=

$$\left\{ \frac{1}{\sqrt{T}} - \sqrt{T}, 1 - \frac{1}{2T} - \frac{T}{2} \right\}$$

Out[*]=

$$\left\{ \frac{1}{\sqrt{T}} - \sqrt{T}, 1 - \frac{1}{2T} - \frac{T}{2} \right\}$$

```
In[*]:= (*L4,1 opened up in two ways, and its mirror image?!*)
ρ[{{1, 1, 6, 2, 7}, {1, 7, 2, 8, 3}, {1, 3, 8, 4, 9}, {1, 9, 4, 6, 5}},
  {0, 0, 0, 0, 0, -1, 0, 0, 0}] // Expand
ρ[{{1, 6, 1, 7, 2}, {1, 2, 7, 3, 8}, {1, 8, 3, 9, 4}, {1, 4, 9, 5, 6}},
  {0, 0, 0, 0, 0, 1, 0, 0, 0}] // Expand
ρ@@RotLink[PD[Link[4, Alternating, 1]]] // Expand
```

Out[*]=

$$\left\{ \frac{1}{T^{3/2}} - \frac{1}{\sqrt{T}} + \sqrt{T} - T^{3/2}, 4 - \frac{3}{2T^3} + \frac{3}{T^2} - \frac{7}{2T} - \frac{7T}{2} + 3T^2 - \frac{3T^3}{2} \right\}$$

Out[*]=

$$\left\{ \frac{1}{T^{3/2}} - \frac{1}{\sqrt{T}} + \sqrt{T} - T^{3/2}, 4 - \frac{3}{2T^3} + \frac{3}{T^2} - \frac{7}{2T} - \frac{7T}{2} + 3T^2 - \frac{3T^3}{2} \right\}$$

Out[*]=

$$\left\{ -\frac{2}{\sqrt{T}} + 2\sqrt{T}, -6 + \frac{3}{T} + 3T \right\}$$

```
In[*]:= ρ[{{1, 3, 10, 4, 11}, {-1, 9, 6, 10, 7}, {1, 5, 2, 6, 3}, {1, 11, 4, 8, 5}, {-1, 1, 8, 2, 9}},
  {0, 0, 0, 1, 0, 0, 0, 0, 0, -1}] // Expand
```

Out[*]=

$$\left\{ -\frac{1}{\sqrt{T}} + 3\sqrt{T} - 3T^{3/2} + T^{5/2}, 10 - \frac{2}{T} - 20T + 23T^2 - 17T^3 + 7T^4 - T^5 \right\}$$