

```
In[*]:= SetDirectory["C:\\drorbn\\AcademicPensieve\\Projects\\Theta"];
```

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

Loading KnotTheory` version of October 29, 2024, 10:29:52.1301.
Read more at <http://katlas.org/wiki/KnotTheory>.

```
In[*]:= (* Rot suppressed *)
```

```
In[*]:= (* PolyPlot suppressed *)
```

```
In[*]:= PD[GST48] = PD[X[1, 15, 2, 14], X[29, 2, 30, 3], X[40, 4, 41, 3],
  X[4, 44, 5, 43], X[5, 26, 6, 27], X[95, 7, 96, 6], X[7, 1, 8, 96], X[8, 14, 9, 13],
  X[28, 9, 29, 10], X[41, 11, 42, 10], X[11, 43, 12, 42], X[12, 27, 13, 28],
  X[15, 31, 16, 30], X[61, 16, 62, 17], X[72, 17, 73, 18], X[83, 18, 84, 19],
  X[34, 20, 35, 19], X[20, 89, 21, 90], X[92, 21, 93, 22], X[22, 79, 23, 80],
  X[23, 68, 24, 69], X[24, 57, 25, 58], X[56, 25, 57, 26], X[31, 63, 32, 62],
  X[32, 74, 33, 73], X[33, 85, 34, 84], X[35, 50, 36, 51], X[81, 37, 82, 36],
  X[70, 38, 71, 37], X[59, 39, 60, 38], X[54, 39, 55, 40], X[55, 45, 56, 44],
  X[45, 59, 46, 58], X[46, 70, 47, 69], X[47, 81, 48, 80], X[91, 49, 92, 48],
  X[49, 91, 50, 90], X[82, 52, 83, 51], X[71, 53, 72, 52], X[60, 54, 61, 53],
  X[74, 63, 75, 64], X[85, 64, 86, 65], X[65, 76, 66, 77], X[66, 87, 67, 88],
  X[94, 67, 95, 68], X[86, 75, 87, 76], X[77, 88, 78, 89], X[93, 78, 94, 79]];
```

```
In[*]:= DunfieldKnots = ReadList["../People/Dunfield/nmd_random_knots"] /. k_Integer => k + 1;
DK[n_] := DunfieldKnots[[n - 2]];
```

```
CF[ε_] := Module[{vs = Union@Cases[ε, g_, ∞], ps, c},
  Total[CoefficientRules[Expand[ε], vs] /. (ps_ -> c_) => Factor[c] (Times @@ vs^ps)]];
```

A “no g” version

```
In[*]:= Simplify[ $\frac{T_2 - 1}{T_2^{-1} - 1}$ ]
```

```
Out[*]= -T2
```

```

In[*]:= T3 = T1 T2;
CF[ε_] := Module[{vs = Union@Cases[ε, g_., ∞], ps, c},
  Total[CoefficientRules[Expand[ε], vs] /. (ps_ -> c_) :-> Factor[c] (Times @@ vs^ps)]];
R11[{s_, i_, j_}] =
  CF[s (1/2 - g3ii + T2^5 g1ii g2ji - g1ii g2jj - (T2^5 - 1) g2ji g3ii + 2 g2jj g3ii - (1 - T3^5) g2ji g3ji -
    g2ii g3jj - T2^5 g2ji g3jj + g1ii g3jj + ((T1^5 - 1) g1ji (T2^2 g2ji - T2^5 g2jj + T2^5 g3jj) +
    (T3^5 - 1) g3ji (1 - T2^5 g1ii - (T1^5 - 1) (T2^5 + 1) g1ji + (T2^5 - 2) g2jj + g2ij)) / (T2^5 - 1)];
R12[{s0_, i0_, j0_}, {s1_, i1_, j1_}] = CF[s1 (T1^s0 - 1) (T2^s1 - 1)^-1
  (T3^s1 - 1) g1,j1,i0 g3,j0,i1 ( (T2^s0 g2,i1,i0 - g2,i1,j0) - (T2^s0 g2,j1,i0 - g2,j1,j0) )];
T1[φ_, k_] = CF[-φ/2 + φ g3kk];

```

```

In[*]:= CF[Δ1 Δ2 Δ3 (T2 - 1) R12[{s0, i0, j0}, {s1, i1, j1}]] /.
  g_{ν,α,β} :->  $\frac{g_{\nu, \alpha, \beta}}{\text{ToExpression}["\Delta" <> \text{ToString}[\nu]]}$  ] /.
  s1  $\frac{T_2 - 1}{T_2^{s_1} - 1}$  -> T2^(1-s1)/2 /. g_{ν,α,β} :-> G[ν, α, β]

```

- Part: The expression j1 cannot be used as a part specification.
- Part: The expression i1 cannot be used as a part specification.
- Part: The expression j0 cannot be used as a part specification.
- General: Further output of Part::pkspec1 will be suppressed during this calculation.

Out[*]=

$$\begin{aligned}
 & G[1, j1, i0] G[2, i1, i0] G[3, j0, i1] (-1 + T_1^{s_0}) T_2^{s_0 + \frac{1-s_1}{2}} (-1 + (T_1 T_2)^{s_1}) - \\
 & G[1, j1, i0] G[2, j1, i0] G[3, j0, i1] (-1 + T_1^{s_0}) T_2^{s_0 + \frac{1-s_1}{2}} (-1 + (T_1 T_2)^{s_1}) - \\
 & G[1, j1, i0] G[2, i1, j0] G[3, j0, i1] (-1 + T_1^{s_0}) T_2^{\frac{1-s_1}{2}} (-1 + (T_1 T_2)^{s_1}) + \\
 & G[1, j1, i0] G[2, j1, j0] G[3, j0, i1] (-1 + T_1^{s_0}) T_2^{\frac{1-s_1}{2}} (-1 + (T_1 T_2)^{s_1})
 \end{aligned}$$

$$\text{In[*]} := \text{CF} \left[\Delta_1 \Delta_2 \Delta_3 (T_2 - 1) R_{11}[\{s, i, j\}] / . g_{\nu, \alpha, \beta} \Rightarrow \frac{g_{\nu, \alpha, \beta}}{\text{ToExpression}["\Delta" \langle > \text{ToString}[\nu]]} \right] / .$$

$$s \frac{T_2 - 1}{T_2^5 - 1} \rightarrow T_2^{(1-s)/2} / . g_{\nu, \alpha, \beta} \Rightarrow G[\nu, \alpha, \beta]$$

Part: The expression i cannot be used as a part specification.

Part: The expression j cannot be used as a part specification.

Part: The expression j cannot be used as a part specification.

General: Further output of Part::pkspec1 will be suppressed during this calculation.

Out[*]=

$$\frac{1}{2} s \Delta_1 \Delta_2 \Delta_3 (-1 + T_2) - s \Delta_3 G[1, i, i] G[2, j, j] (-1 + T_2) -$$

$$s \Delta_1 \Delta_2 G[3, i, i] (-1 + T_2) + 2 s \Delta_1 G[2, j, j] G[3, i, i] (-1 + T_2) +$$

$$s \Delta_2 G[1, i, i] G[3, j, j] (-1 + T_2) - s \Delta_1 G[2, i, i] G[3, j, j] (-1 + T_2) +$$

$$s \Delta_3 G[1, i, i] G[2, j, i] (-1 + T_2) T_2^5 - s \Delta_1 G[2, j, i] G[3, j, j] (-1 + T_2) T_2^5 -$$

$$\Delta_3 G[1, j, i] G[2, j, j] (-1 + T_1^5) T_2^{\frac{1-s}{2} + s} + \Delta_2 G[1, j, i] G[3, j, j] (-1 + T_1^5) T_2^{\frac{1-s}{2} + s} +$$

$$\Delta_3 G[1, j, i] G[2, j, i] (-1 + T_1^5) T_2^{\frac{1-s}{2} + 2s} - s \Delta_1 G[2, j, i] G[3, i, i] (-1 + T_2) (-1 + T_2^5) +$$

$$s \Delta_1 G[2, j, i] G[3, j, i] (-1 + T_2) (-1 + (T_1 T_2)^5) + \Delta_1 \Delta_2 G[3, j, i] T_2^{\frac{1-s}{2}} (-1 + (T_1 T_2)^5) +$$

$$\Delta_1 G[2, i, j] G[3, j, i] T_2^{\frac{1-s}{2}} (-1 + (T_1 T_2)^5) - \Delta_2 G[1, i, i] G[3, j, i] T_2^{\frac{1-s}{2} + s} (-1 + (T_1 T_2)^5) +$$

$$\Delta_1 G[2, j, j] G[3, j, i] T_2^{\frac{1-s}{2}} (-2 + T_2^5) (-1 + (T_1 T_2)^5) -$$

$$\Delta_2 G[1, j, i] G[3, j, i] (-1 + T_1^5) T_2^{\frac{1-s}{2}} (1 + T_2^5) (-1 + (T_1 T_2)^5)$$

In[*]:= $T_3 = T_1 T_2$;

```

Module[
  {Cs, φ, n, A, Δ, Δ1, Δ2, Δ3, G, s0, i0, j0, s1, i1, j1, s, i, j, θ = 0, t = AbsoluteTime[]},
  {Cs, φ} = Rot[K]; n = Length[Cs];
  A = IdentityMatrix[2 n + 1];
  Cases[Cs, {s_, i_, j_} => (A[[{i, j}, {i + 1, j + 1}]] += (-T^s T^s - 1))];
  Δ = Expand@Together[T^(-Total[φ] - Total[Cs[[All, 1]])/2) Det[A]];
  {Δ1, Δ2, Δ3} = Table[Δ /. T -> Tv, {v, 3}];
  G = Expand@Cancel[Δ Inverse[A]];
  Print["Done with G at ", AbsoluteTime[] - t];
  G = Table[G /. T -> Tv, {v, 3}];
  Print["Done with commons at ", AbsoluteTime[] - t];
  Do[{s0, i0, j0} = Cs[[k1]]; {s1, i1, j1} = Cs[[k2]];
    θ += Expand[
      G[1, j1, i0] G[2, i1, i0] G[3, j0, i1] (-1 + T1^s0) T2^s0 + (1-s1)/2 (-1 + (T1 T2)^s1) -
      G[1, j1, i0] G[2, j1, i0] G[3, j0, i1] (-1 + T1^s0) T2^s0 + (1-s1)/2 (-1 + (T1 T2)^s1) -
      G[1, j1, i0] G[2, i1, j0] G[3, j0, i1] (-1 + T1^s0) T2^s0 + (1-s1)/2 (-1 + (T1 T2)^s1) +
    ]
  ]

```

```

    G[[1, j1, i0]] G[[2, j1, j0]] G[[3, j0, i1]] (-1 + T1^s0) T2^(1-s1) (-1 + (T1 T2)^s1)
  ], {k1, n}, {k2, n}];
Echo@e;
e += Sum[{s, i, j} = Cs[[k]]; Expand[
  1
  - s Δ1 Δ2 Δ3 (-1 + T2) - s Δ3 G[[1, i, i]] G[[2, j, j]] (-1 + T2) -
  s Δ1 Δ2 G[[3, i, i]] (-1 + T2) + 2 s Δ1 G[[2, j, j]] G[[3, i, i]] (-1 + T2) +
  s Δ2 G[[1, i, i]] G[[3, j, j]] (-1 + T2) - s Δ1 G[[2, i, i]] G[[3, j, j]] (-1 + T2) +
  s Δ3 G[[1, i, i]] G[[2, j, i]] (-1 + T2) T2^s - s Δ1 G[[2, j, i]] G[[3, j, j]] (-1 + T2) T2^s -
  Δ3 G[[1, j, i]] G[[2, j, j]] (-1 + T1^s) T2^(1-s+s) + Δ2 G[[1, j, i]] G[[3, j, j]] (-1 + T1^s) T2^(1-s+s) +
  Δ3 G[[1, j, i]] G[[2, j, i]] (-1 + T1^s) T2^(1-s+2s) - s Δ1 G[[2, j, i]] G[[3, i, i]] (-1 + T2) (-1 + T2^s) +
  s Δ1 G[[2, j, i]] G[[3, j, i]] (-1 + T2) (-1 + (T1 T2)^s) + Δ1 Δ2 G[[3, j, i]] T2^(1-s) (-1 + (T1 T2)^s) +
  Δ1 G[[2, i, j]] G[[3, j, i]] T2^(1-s) (-1 + (T1 T2)^s) - Δ2 G[[1, i, i]] G[[3, j, i]] T2^(1-s+s)
  (-1 + (T1 T2)^s) + Δ1 G[[2, j, j]] G[[3, j, i]] T2^(1-s) (-2 + T2^s) (-1 + (T1 T2)^s) -
  Δ2 G[[1, j, i]] G[[3, j, i]] (-1 + T1^s) T2^(1-s) (1 + T2^s) (-1 + (T1 T2)^s)
], {k, n}];
Echo@e;
e += Sum[Expand[φ[[k]] Δ1 Δ2 (T2 - 1) (G[[3, k, k]] - Δ3 / 2)], {k, 2 n}];
Echo@e;
Print["Done with e at ", AbsoluteTime[] - t];
Factor@{Δ, e / (T2 - 1)}
];
In[*]:= AbsoluteTiming@Short[th = e[Knot[3, 1]]]
PolyPlot[th]

```

Done with G at 0.0048267

Done with commons at 0.0048267

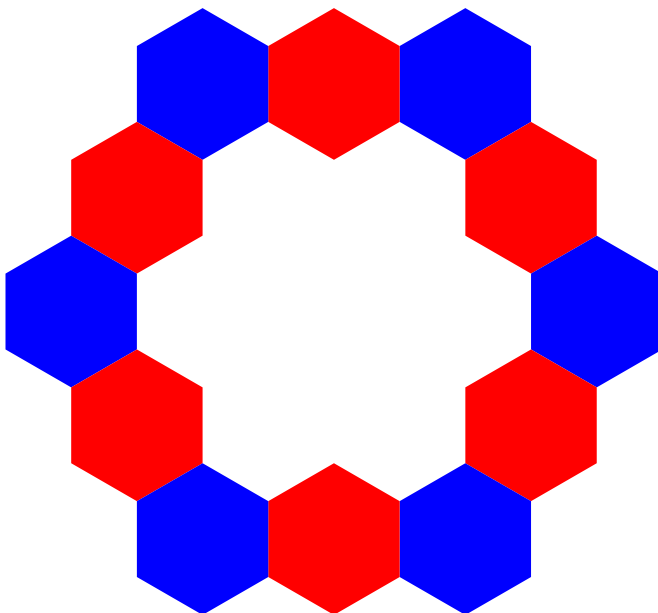
$$\begin{aligned}
 & \gg 3 - 7 T_1 + 4 T_1^2 + \frac{4}{T_2} - \frac{2}{T_1 T_2} - \frac{2 T_1}{T_2} + 4 T_2 + \frac{3 T_2}{T_1^2} - \frac{5 T_2}{T_1} - 3 T_1 T_2 + 6 T_1^2 T_2 - 5 T_1^3 T_2 + 13 T_2^2 - \frac{7 T_2^2}{T_1} - \\
 & \quad 10 T_1 T_2^2 + T_1^2 T_2^2 + 3 T_1^4 T_2^2 + 7 T_2^3 - 15 T_1 T_2^3 + 13 T_1^2 T_2^3 - 2 T_1^3 T_2^3 - 3 T_1^4 T_2^3 - 3 T_1 T_2^4 + 7 T_1^2 T_2^4 - 7 T_1^3 T_2^4 + 3 T_1^4 T_2^4 \\
 & \gg \frac{1}{2} + \frac{3}{T_1^2} + \frac{3 T_1}{2} + \frac{3 T_1^2}{2} + \frac{3}{2 T_2^2} + \frac{3}{2 T_1^2 T_2^2} - \frac{3}{2 T_1 T_2^2} - \frac{3}{2 T_2} - \frac{3}{T_1^2 T_2} + \frac{3}{2 T_1 T_2} - \frac{3 T_1}{2 T_2} - \frac{3 T_2}{2} - \frac{3 T_2}{2 T_1^2} - \frac{3 T_2}{2 T_1} - T_1 T_2 - 2 T_1^2 T_2 - \\
 & \quad T_1^3 T_2 + \frac{3 T_2^2}{2} + \frac{3 T_2^2}{2 T_1} + \frac{1}{2} T_1 T_2^2 + T_1^2 T_2^2 + 2 T_1^3 T_2^2 - \frac{3 T_2^3}{2} - \frac{1}{2} T_1 T_2^3 + \frac{1}{2} T_1^2 T_2^3 - 2 T_1^3 T_2^3 + T_1 T_2^4 - T_1^2 T_2^4 + T_1^3 T_2^4 \\
 & \gg \frac{2}{T_1^2} + T_1 + T_1^2 + \frac{1}{T_2^2} + \frac{1}{T_1^2 T_2^2} - \frac{1}{T_1 T_2^2} - \frac{1}{T_2} - \frac{2}{T_1^2 T_2} + \frac{1}{T_1 T_2} - \\
 & \quad \frac{T_1}{T_2} - \frac{T_2}{T_1^2} - \frac{T_2}{T_1} - 2 T_1^2 T_2 + T_2^2 + \frac{T_2^2}{T_1} - T_1 T_2^2 + 2 T_1^2 T_2^2 - T_2^3 + T_1 T_2^3 - T_1^2 T_2^3
 \end{aligned}$$

Done with θ at 0.1350835

Out[*]=

$$\left\{ 0.135435, \left\{ \frac{1 - T + T^2}{T}, -\frac{1 - T_1 + \langle\langle 11 \rangle\rangle + T_1^2 T_2^4 - T_1^3 T_2^4 + T_1^4 T_2^4}{T_1^2 T_2^2} \right\} \right\}$$

Out[*]=



```

In[*]:= AbsoluteTiming@Short[th =  $\theta$ [GST48]]
PolyPlot[th]

```

Done with G at 7.0647866

Done with commons at 7.6640337

$$\begin{aligned}
 & \gg 150\,238 + \frac{20}{T_1^{21}} - \frac{147}{T_1^{20}} + \frac{450}{T_1^{19}} - \frac{572}{T_1^{18}} - \frac{474}{T_1^{17}} + \frac{2933}{T_1^{16}} - \frac{5534}{T_1^{15}} + \frac{4612}{T_1^{14}} + \frac{3785}{T_1^{13}} - \frac{20\,351}{T_1^{12}} + \frac{42\,437}{T_1^{11}} - \frac{46\,689}{T_1^{10}} - \frac{17\,085}{T_1^9} + \\
 & \frac{148\,110}{T_1^8} - \frac{213\,891}{T_1^7} + \frac{66\,514}{T_1^6} + \frac{225\,851}{T_1^5} - \frac{370\,293}{T_1^4} + \frac{179\,187}{T_1^3} + \frac{158\,565}{T_1^2} - \frac{294\,556}{T_1} + 47\,647 T_1 - 102\,256 T_1^2 + \\
 & 40\,864 T_1^3 + 13\,212 T_1^4 - 17\,427 T_1^5 + 6320 T_1^6 - 2164 T_1^7 - 2669 T_1^8 + 8536 T_1^9 - 7596 T_1^{10} + 1668 T_1^{11} + 2305 T_1^{12} - \\
 & 2561 T_1^{13} + 1208 T_1^{14} - 58 T_1^{15} - 243 T_1^{16} + 133 T_1^{17} - 29 T_1^{18} - \frac{4}{T_1^{24} T_2^{20}} + \frac{15}{T_1^{23} T_2^{20}} - \frac{21}{T_1^{22} T_2^{20}} + \frac{11}{T_1^{21} T_2^{20}} + \frac{3}{T_1^{20} T_2^{20}} - \\
 & \frac{10}{T_1^{19} T_2^{20}} + \frac{20}{T_1^{18} T_2^{20}} - \frac{34}{T_1^{17} T_2^{20}} + \frac{41}{T_1^{16} T_2^{20}} - \frac{35}{T_1^{15} T_2^{20}} + \frac{18}{T_1^{14} T_2^{20}} + \frac{5}{T_1^{13} T_2^{20}} - \frac{32}{T_1^{12} T_2^{20}} + \frac{49}{T_1^{11} T_2^{20}} - \frac{41}{T_1^{10} T_2^{20}} + \frac{17}{T_1^9 T_2^{20}} - \\
 & \frac{1}{T_1^8 T_2^{20}} - \frac{3}{T_1^6 T_2^{20}} + \frac{4}{T_1^5 T_2^{20}} - \frac{3}{T_1^4 T_2^{20}} + \frac{1}{T_1^3 T_2^{20}} + \frac{4}{T_1^{24} T_2^{19}} + \frac{1}{T_1^{23} T_2^{19}} - \frac{54}{T_1^{22} T_2^{19}} + \frac{124}{T_1^{21} T_2^{19}} - \frac{89}{T_1^{20} T_2^{19}} - \frac{47}{T_1^{19} T_2^{19}} + \\
 & \frac{95}{T_1^{18} T_2^{19}} + \frac{8}{T_1^{17} T_2^{19}} - \frac{92}{T_1^{16} T_2^{19}} - \frac{11}{T_1^{15} T_2^{19}} + \frac{246}{T_1^{14} T_2^{19}} - \frac{369}{T_1^{13} T_2^{19}} + \frac{240}{T_1^{12} T_2^{19}} + \frac{27}{T_1^{11} T_2^{19}} - \frac{226}{T_1^{10} T_2^{19}} + \frac{270}{T_1^9 T_2^{19}} - \frac{199}{T_1^8 T_2^{19}} + \\
 & \frac{100}{T_1^7 T_2^{19}} - \frac{32}{T_1^6 T_2^{19}} + \frac{1}{T_1^5 T_2^{19}} + \frac{4}{T_1^4 T_2^{19}} + \frac{4}{T_1^3 T_2^{19}} - \frac{3}{T_1^2 T_2^{19}} + \frac{2}{T_1 T_2^{19}} + \frac{4}{T_1^{24} T_2^{18}} - \frac{31}{T_1^{23} T_2^{18}} + \frac{71}{T_1^{22} T_2^{18}} + \frac{421}{T_1^{21} T_2^{18}} - \frac{275}{T_1^{20} T_2^{18}} - \\
 & \frac{396}{T_1^{19} T_2^{18}} - \frac{22}{T_1^{18} T_2^{18}} - \frac{433}{T_1^{17} T_2^{18}} + \frac{265}{T_1^{16} T_2^{18}} + \frac{407}{T_1^{15} T_2^{18}} - \frac{680}{T_1^{14} T_2^{18}} + \frac{17}{T_1^{13} T_2^{18}} + \frac{922}{T_1^{12} T_2^{18}} - \frac{1082}{T_1^{11} T_2^{18}} + \frac{421}{T_1^{10} T_2^{18}} + \frac{247}{T_1^9 T_2^{18}} - \\
 & \frac{470}{T_1^8 T_2^{18}} + \frac{413}{T_1^7 T_2^{18}} - \frac{307}{T_1^6 T_2^{18}} + \frac{197}{T_1^5 T_2^{18}} - \frac{60}{T_1^4 T_2^{18}} + \frac{25}{T_1^3 T_2^{18}} + \frac{22}{T_1^2 T_2^{18}} - \frac{6}{T_1 T_2^{18}} + \frac{27}{T_1^{24} T_2^{17}} - \frac{4}{T_1^{23} T_2^{17}} + \frac{1}{T_1^{22} T_2^{17}} - \\
 & \frac{257}{T_1^{21} T_2^{17}} + \frac{306}{T_1^{20} T_2^{17}} + \frac{164}{T_1^{19} T_2^{17}} - \frac{912}{T_1^{18} T_2^{17}} + \frac{886}{T_1^{17} T_2^{17}} + \frac{287}{T_1^{16} T_2^{17}} - \frac{1263}{T_1^{15} T_2^{17}} + \frac{588}{T_1^{14} T_2^{17}} + \frac{1083}{T_1^{13} T_2^{17}} - \frac{1548}{T_1^{12} T_2^{17}} + \frac{145}{T_1^{11} T_2^{17}} + \\
 & \frac{1255}{T_1^{10} T_2^{17}} - \frac{1141}{T_1^9 T_2^{17}} + \frac{284}{T_1^8 T_2^{17}} + \frac{100}{T_1^7 T_2^{17}} - \frac{74}{T_1^6 T_2^{17}} + \frac{170}{T_1^5 T_2^{17}} - \frac{348}{T_1^4 T_2^{17}} + \frac{264}{T_1^3 T_2^{17}} - \frac{26}{T_1^2 T_2^{17}} - \frac{58}{T_1 T_2^{17}} - \frac{5 T_1}{T_2^{17}} + \frac{75}{T_2^{16}} - \frac{8}{T_1^{24} T_2^{16}} + \\
 & \frac{46}{T_1^{23} T_2^{16}} - \frac{90}{T_1^{22} T_2^{16}} + \frac{16}{T_1^{21} T_2^{16}} + \frac{413}{T_1^{20} T_2^{16}} - \frac{841}{T_1^{19} T_2^{16}} + \frac{605}{T_1^{18} T_2^{16}} + \frac{792}{T_1^{17} T_2^{16}} - \frac{2547}{T_1^{16} T_2^{16}} + \frac{2511}{T_1^{15} T_2^{16}} + \frac{122}{T_1^{14} T_2^{16}} - \frac{2727}{T_1^{13} T_2^{16}} + \\
 & \frac{2226}{T_1^{12} T_2^{16}} + \frac{460}{T_1^{11} T_2^{16}} - \frac{1853}{T_1^{10} T_2^{16}} + \frac{941}{T_9 T_2^{16}} + \frac{220}{T_8 T_2^{16}} - \frac{332}{T_7 T_2^{16}} + \frac{166}{T_6 T_2^{16}} - \frac{308}{T_5 T_2^{16}} + \frac{302}{T_4 T_2^{16}} + \frac{71}{T_3 T_2^{16}} - \frac{258}{T_2^2 T_2^{16}} + \frac{65}{T_1 T_2^{16}} - \\
 & \frac{36 T_1}{T_2^{16}} + \frac{T_1^2}{T_2^{16}} + \frac{157}{T_2^{15}} + \frac{12}{T_1^{24} T_2^{15}} - \frac{13}{T_1^{23} T_2^{15}} - \frac{113}{T_1^{22} T_2^{15}} + \frac{370}{T_1^{21} T_2^{15}} - \frac{392}{T_1^{20} T_2^{15}} - \frac{219}{T_1^{19} T_2^{15}} + \frac{1217}{T_1^{18} T_2^{15}} - \frac{1896}{T_1^{17} T_2^{15}} + \frac{1228}{T_1^{16} T_2^{15}} + \\
 & \frac{1905}{T_1^{15} T_2^{15}} - \frac{6036}{T_1^{14} T_2^{15}} + \frac{6298}{T_1^{13} T_2^{15}} - \frac{459}{T_1^{12} T_2^{15}} - \frac{6210}{T_1^{11} T_2^{15}} + \frac{7123}{T_1^{10} T_2^{15}} - \frac{2560}{T_9 T_2^{15}} - \frac{1789}{T_8 T_2^{15}} + \frac{2572}{T_7 T_2^{15}} - \frac{1471}{T_6 T_2^{15}} + \frac{811}{T_5 T_2^{15}} - \\
 & \frac{594}{T_4 T_2^{15}} + \frac{196}{T_3 T_2^{15}} + \frac{83}{T_2^2 T_2^{15}} - \frac{120}{T_1 T_2^{15}} - \frac{157 T_1}{T_2^{15}} + \frac{53 T_1^2}{T_2^{15}} + \frac{2 T_1^3}{T_2^{15}} + \frac{3 T_1^4}{T_2^{15}} - \frac{28}{T_2^{15}} + \frac{12}{T_2^{14}} - \frac{93}{T_1^{24} T_2^{14}} + \frac{238}{T_1^{23} T_2^{14}} - \\
 & \frac{112}{T_1^{22} T_2^{14}} + \frac{596}{T_1^{21} T_2^{14}} + \frac{1278}{T_1^{20} T_2^{14}} - \frac{735}{T_1^{19} T_2^{14}} - \frac{1141}{T_1^{18} T_2^{14}} + \frac{3337}{T_1^{17} T_2^{14}} + \frac{4880}{T_1^{16} T_2^{14}} - \frac{3568}{T_1^{15} T_2^{14}} + \frac{3289}{T_1^{14} T_2^{14}} - \frac{12\,230}{T_1^{13} T_2^{14}} + \frac{13\,024}{T_1^{12} T_2^{14}} - \\
 & \frac{2023}{T_1^{11} T_2^{14}} - \frac{10\,880}{T_1^{10} T_2^{14}} + \frac{13\,600}{T_9 T_2^{14}} - \frac{6162}{T_8 T_2^{14}} - \frac{1396}{T_7 T_2^{14}} + \frac{3178}{T_6 T_2^{14}} - \frac{2154}{T_5 T_2^{14}} + \frac{1873}{T_4 T_2^{14}} - \frac{1761}{T_3 T_2^{14}} + \frac{960}{T_2 T_2^{14}} + \frac{384 T_1}{T_2^{14}} + \frac{339 T_1^2}{T_2^{14}} - \\
 & \frac{128 T_1^3}{T_2^{14}} - \frac{9 T_1^4}{T_2^{14}} + \frac{5 T_1^5}{T_2^{14}} + \frac{3 T_1^6}{T_2^{14}} - \frac{2176}{T_2^{13}} - \frac{36}{T_1^{24} T_2^{13}} + \frac{87}{T_1^{23} T_2^{13}} + \frac{109}{T_1^{22} T_2^{13}} - \frac{725}{T_1^{21} T_2^{13}} + \frac{1063}{T_1^{20} T_2^{13}} + \frac{31}{T_1^{19} T_2^{13}} - \frac{2258}{T_1^{18} T_2^{13}} + \\
 & \frac{T_1^{14}}{T_2^{14}} + \frac{T_1^{14}}{T_2^{14}} - \frac{T_1^{14}}{T_2^{14}} + \frac{T_1^{14}}{T_2^{14}} - \frac{T_1^{13}}{T_2^{13}} - \frac{T_1^{24} T_1^{13}}{T_2^{13}} + \frac{T_1^{23} T_1^{13}}{T_2^{13}} + \frac{T_1^{22} T_1^{13}}{T_2^{13}} - \frac{T_1^{21} T_1^{13}}{T_2^{13}} + \frac{T_1^{20} T_1^{13}}{T_2^{13}} + \frac{T_1^{19} T_1^{13}}{T_2^{13}} - \frac{T_1^{18} T_1^{13}}{T_2^{13}} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{3196}{T_1^{17} T_2^{13}} - \frac{796}{T_1^{16} T_2^{13}} - \frac{3803}{T_1^{15} T_2^{13}} + \frac{8267}{T_1^{14} T_2^{13}} - \frac{11007}{T_1^{13} T_2^{13}} + \frac{7454}{T_1^{12} T_2^{13}} + \frac{6696}{T_1^{11} T_2^{13}} - \frac{22890}{T_1^{10} T_2^{13}} + \frac{23849}{T_1^9 T_2^{13}} - \frac{5461}{T_1^8 T_2^{13}} - \frac{14729}{T_1^7 T_2^{13}} + \\
 & 18528 - 8597 - 15 - 1586 - 1189 - 1863 - 1169 T_1 - 32 T_1^2 - 370 T_1^3 + 225 T_1^4 - 35 T_1^5 - 4 T_1^7 + \\
 & \frac{T_1^6 T_2^{13}}{1026} - \frac{T_1^5 T_2^{13}}{24} - \frac{T_1^4 T_2^{13}}{54} + \frac{T_1^3 T_2^{13}}{469} - \frac{T_1^2 T_2^{13}}{630} + \frac{T_1 T_2^{13}}{683} + \frac{T_2^{13}}{2734} - \frac{T_2^{13}}{2428} - \frac{T_2^{13}}{1940} + \frac{T_2^{13}}{7610} - \frac{T_2^{13}}{8493} - \\
 & \frac{T_2^{12}}{1828} + \frac{T_1^{24} T_2^{12}}{8275} + \frac{T_1^{23} T_2^{12}}{17664} - \frac{T_1^{22} T_2^{12}}{22739} + \frac{T_1^{21} T_2^{12}}{14291} + \frac{T_1^{20} T_2^{12}}{11422} - \frac{T_1^{19} T_2^{12}}{36428} + \frac{T_1^{18} T_2^{12}}{35195} + \frac{T_1^{17} T_2^{12}}{8699} - \frac{T_1^{16} T_2^{12}}{15385} + \frac{T_1^{15} T_2^{12}}{18033} - \\
 & \frac{T_1^{14} T_2^{12}}{8097} - \frac{T_1^{13} T_2^{12}}{2032} + \frac{T_1^{12} T_2^{12}}{1688} - \frac{T_1^{11} T_2^{12}}{1013 T_1} + \frac{T_1^{10} T_2^{12}}{1721 T_1^2} + \frac{T_1^9 T_2^{12}}{886 T_1^3} - \frac{T_1^8 T_2^{12}}{26 T_1^4} + \frac{T_1^7 T_2^{12}}{171 T_1^5} + \frac{T_1^6 T_2^{12}}{44 T_1^6} + \frac{10 T_1^7}{2 T_1^8} + \frac{2 T_1^8}{4723} - \\
 & \frac{T_1^3 T_2^{12}}{24} + \frac{T_1^2 T_2^{12}}{186} - \frac{T_1 T_2^{12}}{349} + \frac{T_2^{12}}{441} - \frac{T_2^{12}}{2238} + \frac{T_2^{12}}{1869} - \frac{T_2^{12}}{3062} - \frac{T_2^{12}}{8328} + \frac{T_2^{12}}{6207} + \frac{T_2^{12}}{5943} + \frac{T_2^{12}}{19925} - \\
 & \frac{T_1^{24} T_2^{11}}{21843} - \frac{T_1^{23} T_2^{11}}{7706} + \frac{T_1^{22} T_2^{11}}{14516} - \frac{T_1^{21} T_2^{11}}{35997} - \frac{T_1^{20} T_2^{11}}{45031} + \frac{T_1^{19} T_2^{11}}{26314} + \frac{T_1^{18} T_2^{11}}{15417} - \frac{T_1^{17} T_2^{11}}{46860} + \frac{T_1^{16} T_2^{11}}{42142} + \frac{T_1^{15} T_2^{11}}{12568} - \frac{T_1^{14} T_2^{11}}{10119} + \\
 & \frac{T_1^{13} T_2^{11}}{12419} - \frac{T_1^{12} T_2^{11}}{6785} - \frac{T_1^{11} T_2^{11}}{4394 T_1} + \frac{T_1^{10} T_2^{11}}{2227 T_1^2} + \frac{T_1^9 T_2^{11}}{254 T_1^3} - \frac{T_1^8 T_2^{11}}{1046 T_1^4} + \frac{T_1^7 T_2^{11}}{586 T_1^5} - \frac{T_1^6 T_2^{11}}{91 T_1^6} - \frac{12 T_1^7}{14 T_1^8} + \frac{2 T_1^9}{2 T_1^9} + \frac{6345}{T_1^{10}} - \\
 & \frac{T_1^2 T_2^{11}}{36} - \frac{T_1 T_2^{11}}{39} + \frac{T_2^{11}}{404} - \frac{T_2^{11}}{1449} + \frac{T_2^{11}}{1387} - \frac{T_2^{11}}{2360} + \frac{T_2^{11}}{7199} - \frac{T_2^{11}}{4191} - \frac{T_2^{11}}{10159} + \frac{T_2^{11}}{24450} + \frac{T_2^{11}}{19829} - \\
 & \frac{T_1^{24} T_2^{10}}{9821} + \frac{T_1^{23} T_2^{10}}{43822} + \frac{T_1^{22} T_2^{10}}{51845} - \frac{T_1^{21} T_2^{10}}{25393} + \frac{T_1^{20} T_2^{10}}{20253} + \frac{T_1^{19} T_2^{10}}{61102} - \frac{T_1^{18} T_2^{10}}{70073} + \frac{T_1^{17} T_2^{10}}{37050} + \frac{T_1^{16} T_2^{10}}{14606} - \frac{T_1^{15} T_2^{10}}{46586} + \frac{T_1^{14} T_2^{10}}{40864} - \\
 & \frac{T_1^{13} T_2^{10}}{14936} - \frac{T_1^{12} T_2^{10}}{3058} + \frac{T_1^{11} T_2^{10}}{4806 T_1} - \frac{T_1^{10} T_2^{10}}{4316 T_1^2} - \frac{T_1^9 T_2^{10}}{3832 T_1^3} + \frac{T_1^8 T_2^{10}}{1885 T_1^4} + \frac{T_1^7 T_2^{10}}{89 T_1^5} - \frac{T_1^6 T_2^{10}}{708 T_1^6} + \frac{T_1^5 T_2^{10}}{347 T_1^7} + \frac{T_1^4 T_2^{10}}{38 T_1^8} + \frac{4 T_1^9}{T_2^{10}} - \\
 & \frac{4 T_1^{10}}{14859} - \frac{T_2^{10}}{12} + \frac{T_2^{10}}{99} - \frac{T_2^{10}}{449} + \frac{T_2^{10}}{144} + \frac{T_2^{10}}{2168} - \frac{T_2^{10}}{4953} + \frac{T_2^{10}}{2507} + \frac{T_2^{10}}{8879} - \frac{T_2^{10}}{20274} + \frac{T_2^{10}}{12492} - \\
 & \frac{T_2^9}{21652} - \frac{T_2^9}{57265} + \frac{T_1^{24} T_2^9}{51185} + \frac{T_1^{23} T_2^9}{9157} - \frac{T_1^{22} T_2^9}{79509} + \frac{T_1^{21} T_2^9}{100358} + \frac{T_1^{20} T_2^9}{55239} - \frac{T_1^{19} T_2^9}{21598} + \frac{T_1^{18} T_2^9}{77117} + \frac{T_1^{17} T_2^9}{82482} - \frac{T_1^{16} T_2^9}{45120} + \\
 & \frac{T_1^{14} T_2^9}{4533} - \frac{T_1^{13} T_2^9}{33489} + \frac{T_1^{12} T_2^9}{31484} + \frac{T_1^{11} T_2^9}{2783 T_1} + \frac{T_1^{10} T_2^9}{576 T_1^2} + \frac{T_1^9 T_2^9}{719 T_1^3} - \frac{T_1^8 T_2^9}{1890 T_1^4} + \frac{T_1^7 T_2^9}{2252 T_1^5} + \frac{T_1^6 T_2^9}{941 T_1^6} + \frac{T_1^5 T_2^9}{274 T_1^7} - \frac{T_1^4 T_2^9}{363 T_1^8} + \\
 & \frac{T_1^3 T_2^9}{68 T_1^9} - \frac{T_1^2 T_2^9}{10 T_1^{10}} + \frac{T_1 T_2^9}{2 T_1^{11}} + \frac{T_2^9}{16799} - \frac{T_2^9}{12} + \frac{T_2^9}{93} - \frac{T_2^9}{56} + \frac{T_2^9}{819} - \frac{T_2^9}{2037} + \frac{T_2^9}{175} + \frac{T_2^9}{6649} - \frac{T_2^9}{12762} + \\
 & \frac{T_2^9}{5814} + \frac{T_2^9}{21359} + \frac{T_2^9}{51050} - \frac{T_2^9}{40605} + \frac{T_2^9}{30998} - \frac{T_2^9}{111655} + \frac{T_2^9}{111629} - \frac{T_2^9}{8316} + \frac{T_2^9}{113077} - \frac{T_2^9}{147310} + \frac{T_2^9}{80002} - \\
 & \frac{T_1^{16} T_2^8}{15122} + \frac{T_1^{15} T_2^8}{71606} - \frac{T_1^{14} T_2^8}{75559} + \frac{T_1^{13} T_2^8}{45028} - \frac{T_1^{12} T_2^8}{7047} + \frac{T_1^{11} T_2^8}{20130 T_1} - \frac{T_1^{10} T_2^8}{12063 T_1^2} + \frac{T_1^9 T_2^8}{4935 T_1^3} - \frac{T_1^8 T_2^8}{2509 T_1^4} + \frac{T_1^7 T_2^8}{758 T_1^5} + \frac{T_1^6 T_2^8}{928 T_1^6} - \\
 & \frac{T_1^5 T_2^8}{995 T_1^7} + \frac{T_1^4 T_2^8}{162 T_1^8} - \frac{T_1^3 T_2^8}{190 T_1^9} + \frac{T_1^2 T_2^8}{65 T_1^{10}} - \frac{T_1 T_2^8}{14 T_1^{11}} + \frac{T_2^8}{2 T_1^{12}} + \frac{T_2^8}{35945} - \frac{T_2^8}{8} - \frac{T_2^8}{18} + \frac{T_2^8}{256} - \frac{T_2^8}{662} + \frac{T_2^8}{30} - \\
 & \frac{T_2^8}{3273} + \frac{T_2^8}{6043} + \frac{T_2^8}{78} - \frac{T_2^8}{17909} + \frac{T_2^8}{35474} - \frac{T_2^8}{23933} + \frac{T_2^8}{38784} - \frac{T_2^8}{114355} + \frac{T_2^8}{103514} + \frac{T_2^8}{34167} - \frac{T_2^8}{187842} + \\
 & \frac{T_1^{19} T_2^7}{195254} - \frac{T_1^{18} T_2^7}{37235} - \frac{T_1^{17} T_2^7}{128795} + \frac{T_1^{16} T_2^7}{163043} - \frac{T_1^{15} T_2^7}{86043} - \frac{T_1^{14} T_2^7}{1387} + \frac{T_1^{13} T_2^7}{44821} - \frac{T_1^{12} T_2^7}{50113} - \frac{T_1^{11} T_2^7}{13979 T_1} + \frac{T_1^{10} T_2^7}{4288 T_1^2} - \\
 & \frac{T_1^8 T_2^7}{T_1^7 T_2^7} - \frac{T_1^6 T_2^7}{T_1^5 T_2^7} + \frac{T_1^5 T_2^7}{T_1^4 T_2^7} - \frac{T_1^4 T_2^7}{T_1^3 T_2^7} + \frac{T_1^3 T_2^7}{T_1^2 T_2^7} - \frac{T_1 T_2^7}{T_2^7} - \frac{T_2^7}{T_2^7}
 \end{aligned}$$

$$\begin{aligned}
& \frac{10413 T_1^3}{T_2^7} - \frac{7461 T_1^4}{T_2^7} + \frac{3550 T_1^5}{T_2^7} - \frac{1277 T_1^6}{T_2^7} - \frac{192 T_1^7}{T_2^7} + \frac{636 T_1^8}{T_2^7} - \frac{299 T_1^9}{T_2^7} - \frac{29 T_1^{10}}{T_2^7} + \frac{50 T_1^{11}}{T_2^7} + \frac{4 T_1^{12}}{T_2^7} - \frac{4 T_1^{13}}{T_2^7} + \\
& 12167 - \frac{4}{T_2^6} + \frac{47}{T_2^6} - \frac{91}{T_2^6} - \frac{238}{T_2^6} + \frac{1309}{T_2^6} - \frac{2245}{T_2^6} - \frac{747}{T_2^6} + \frac{9621}{T_2^6} - \frac{15028}{T_2^6} + \frac{1091}{T_2^6} + \frac{40540}{T_2^6} - \\
& \frac{86672}{T_1^2 T_2^6} + \frac{66737}{T_1^{24} T_2^6} + \frac{66422}{T_1^{23} T_2^6} - \frac{216347}{T_1^{22} T_2^6} - \frac{196792}{T_1^{21} T_2^6} + \frac{29337}{T_1^{20} T_2^6} - \frac{253853}{T_1^{19} T_2^6} + \frac{251554}{T_1^{18} T_2^6} - \frac{56547}{T_1^{17} T_2^6} + \frac{112426}{T_1^{16} T_2^6} - \frac{112426}{T_1^{15} T_2^6} + \\
& \frac{134023}{T_1^{13} T_2^6} - \frac{68799}{T_1^{12} T_2^6} + \frac{12712}{T_1^{11} T_2^6} - \frac{22876}{T_1^{10} T_2^6} + \frac{24059}{T_1^9 T_2^6} + \frac{13680}{T_1^8 T_2^6} - \frac{581}{T_1^7 T_2^6} + \frac{5285}{T_1^6 T_2^6} - \frac{3846}{T_1^5 T_2^6} - \frac{1114}{T_1^4 T_2^6} + \\
& \frac{439 T_1^8}{T_1^3 T_2^6} - \frac{761 T_1^9}{T_1^2 T_2^6} + \frac{445 T_1^{10}}{T_1 T_2^6} - \frac{106 T_1^{11}}{T_2^6} + \frac{19 T_1^{12}}{T_2^6} - \frac{7 T_1^{13}}{T_2^6} + \frac{3 T_1^{14}}{T_2^6} - \frac{42259}{T_2^6} + \frac{4}{T_2^6} + \frac{1}{T_2^6} - \frac{106}{T_2^6} + \frac{370}{T_2^6} - \\
& \frac{356}{T_2^5} - \frac{946}{T_2^5} + \frac{3903}{T_2^5} - \frac{5070}{T_2^5} - \frac{3234}{T_2^5} + \frac{22295}{T_2^5} - \frac{37952}{T_2^5} + \frac{16764}{T_2^5} + \frac{71178}{T_1^{24} T_2^5} - \frac{171810}{T_1^{23} T_2^5} + \frac{135493}{T_1^{22} T_2^5} + \\
& \frac{96051}{T_1^{20} T_2^5} - \frac{325567}{T_1^{19} T_2^5} + \frac{283882}{T_1^{18} T_2^5} - \frac{17287}{T_1^{17} T_2^5} - \frac{269404}{T_1^{16} T_2^5} + \frac{250569}{T_1^{15} T_2^5} - \frac{60978}{T_1^{14} T_2^5} + \frac{73840}{T_1^{13} T_2^5} - \frac{81995}{T_1^{12} T_2^5} + \frac{18185}{T_1^{11} T_2^5} + \\
& \frac{6176}{T_1^9 T_2^5} - \frac{7337}{T_1^8 T_2^5} + \frac{14539}{T_1^7 T_2^5} - \frac{9270}{T_1^6 T_2^5} - \frac{160}{T_1^5 T_2^5} + \frac{3767}{T_1^4 T_2^5} - \frac{2413}{T_1^3 T_2^5} + \frac{237}{T_1^2 T_2^5} + \frac{812}{T_1 T_2^5} - \frac{679}{T_2^5} - \\
& \frac{268 T_1^{12}}{T_2^5} - \frac{33 T_1^{13}}{T_2^5} - \frac{9 T_1^{14}}{T_2^5} - \frac{T_1^{15}}{T_2^5} - \frac{39254}{T_2^4} + \frac{4}{T_1^{24} T_2^4} - \frac{31}{T_1^{23} T_2^4} + \frac{71}{T_1^{22} T_2^4} + \frac{47}{T_1^{21} T_2^4} - \frac{556}{T_1^{20} T_2^4} + \frac{1327}{T_1^{19} T_2^4} - \frac{874}{T_1^{18} T_2^4} - \\
& \frac{2973}{T_1^{17} T_2^4} + \frac{9761}{T_1^{16} T_2^4} - \frac{12364}{T_1^{15} T_2^4} - \frac{2285}{T_1^{14} T_2^4} + \frac{44925}{T_1^{13} T_2^4} - \frac{93163}{T_1^{12} T_2^4} + \frac{59985}{T_1^{11} T_2^4} + \frac{112668}{T_1^{10} T_2^4} - \frac{291610}{T_1^9 T_2^4} + \frac{226534}{T_1^8 T_2^4} - \frac{108695}{T_1^7 T_2^4} - \\
& \frac{392008}{T_1^6 T_2^4} + \frac{320277}{T_1^5 T_2^4} + \frac{6044}{T_1^4 T_2^4} - \frac{231442}{T_1^3 T_2^4} + \frac{193578}{T_1^2 T_2^4} + \frac{41739}{T_1 T_2^4} + \frac{33517}{T_2^4} - \frac{14961}{T_2^4} + \frac{13024}{T_2^4} - \frac{8821}{T_2^4} + \\
& \frac{3127 T_1^5}{T_2^4} + \frac{8979 T_1^6}{T_2^4} - \frac{4199 T_1^7}{T_2^4} - \frac{2024 T_1^8}{T_2^4} + \frac{3707 T_1^9}{T_2^4} - \frac{2059 T_1^{10}}{T_2^4} + \frac{3 T_1^{11}}{T_2^4} + \frac{637 T_1^{12}}{T_2^4} - \frac{379 T_1^{13}}{T_2^4} + \frac{82 T_1^{14}}{T_2^4} + \\
& \frac{4 T_1^{15}}{T_2^4} + \frac{107711}{T_2^3} - \frac{4}{T_2^3} - \frac{1}{T_1^{24} T_2^3} - \frac{78}{T_1^{23} T_2^3} + \frac{257}{T_1^{22} T_2^3} - \frac{299}{T_1^{21} T_2^3} + \frac{233}{T_1^{20} T_2^3} + \frac{1847}{T_1^{19} T_2^3} - \frac{3389}{T_1^{18} T_2^3} + \frac{1316}{T_1^{17} T_2^3} - \frac{7363}{T_1^{16} T_2^3} - \\
& \frac{22382}{T_1^{15} T_2^3} + \frac{33758}{T_1^{14} T_2^3} - \frac{8334}{T_1^{13} T_2^3} + \frac{87386}{T_1^{12} T_2^3} - \frac{187493}{T_1^{11} T_2^3} + \frac{119450}{T_1^{10} T_2^3} - \frac{163411}{T_1^9 T_2^3} + \frac{403768}{T_1^8 T_2^3} - \frac{293133}{T_1^7 T_2^3} + \frac{104504}{T_1^6 T_2^3} - \\
& \frac{380264}{T_1^{14} T_2^3} - \frac{281882}{T_1^{13} T_2^3} + \frac{3926}{T_1^{12} T_2^3} - \frac{156166}{T_1^{11} T_2^3} - \frac{13072}{T_1^{10} T_2^3} + \frac{15701}{T_1^9 T_2^3} + \frac{2897}{T_1^8 T_2^3} - \frac{1255}{T_1^7 T_2^3} + \frac{8085}{T_1^6 T_2^3} - \frac{4526}{T_1^5 T_2^3} - \\
& \frac{4238 T_1^7}{T_2^3} + \frac{6061 T_1^8}{T_2^3} - \frac{1513 T_1^9}{T_2^3} - \frac{2453 T_1^{10}}{T_2^3} + \frac{2919 T_1^{11}}{T_2^3} - \frac{1155 T_1^{12}}{T_2^3} - \frac{138 T_1^{13}}{T_2^3} + \frac{293 T_1^{14}}{T_2^3} - \frac{85 T_1^{15}}{T_2^3} + \frac{1056}{T_2^3} + \\
& \frac{16}{T_2^3} - \frac{48}{T_2^3} - \frac{38}{T_2^3} + \frac{404}{T_2^3} - \frac{851}{T_2^3} + \frac{743}{T_2^3} + \frac{1145}{T_2^3} - \frac{5068}{T_2^3} + \frac{7767}{T_2^3} - \frac{4600}{T_2^3} - \frac{10579}{T_2^3} + \frac{45330}{T_2^3} - \\
& \frac{77307}{T_1^{23} T_2^2} + \frac{25790}{T_1^{22} T_2^2} + \frac{149377}{T_1^{21} T_2^2} - \frac{294892}{T_1^{20} T_2^2} + \frac{173879}{T_1^{19} T_2^2} - \frac{192399}{T_1^{18} T_2^2} + \frac{448929}{T_1^{17} T_2^2} - \frac{305280}{T_1^{16} T_2^2} + \frac{79618}{T_1^{15} T_2^2} - \frac{296931}{T_1^{14} T_2^2} + \\
& \frac{199185}{T_1^{11} T_2^2} + \frac{79819}{T_1^{10} T_2^2} + \frac{38459}{T_1^9 T_2^2} - \frac{5116}{T_1^8 T_2^2} + \frac{4651}{T_1^7 T_2^2} + \frac{3166}{T_1^6 T_2^2} - \frac{1646}{T_1^5 T_2^2} + \frac{4537}{T_1^4 T_2^2} - \frac{1002}{T_1^3 T_2^2} - \frac{5933}{T_1^2 T_2^2} + \\
& \frac{4720 T_1^{10}}{T_1 T_2^2} - \frac{718 T_1^{11}}{T_2^2} - \frac{1730 T_1^{12}}{T_2^2} + \frac{1523 T_1^{13}}{T_2^2} - \frac{434 T_1^{14}}{T_2^2} - \frac{43}{T_1^{15} T_2^2} + \frac{37 T_1^{16}}{T_2^2} - \frac{196607}{T_2^2} - \frac{26}{T_1^{22} T_2^2} + \frac{133}{T_1^{21} T_2^2} - \frac{200}{T_1^{20} T_2^2}
\end{aligned}$$

$$\begin{aligned}
 & \frac{151}{T_1^{19} T_2} + \frac{1134}{T_1^{18} T_2} - \frac{2168}{T_1^{17} T_2} + \frac{1558}{T_1^{16} T_2} + \frac{3030}{T_1^{15} T_2} - \frac{10990}{T_1^{14} T_2} + \frac{18644}{T_1^{13} T_2} - \frac{19080}{T_1^{12} T_2} - \frac{10658}{T_1^{11} T_2} + \frac{87499}{T_1^{10} T_2} - \frac{145082}{T_1^9 T_2} + \\
 & \frac{48093}{T_1^8 T_2} + \frac{204428}{T_1^7 T_2} - \frac{368111}{T_1^6 T_2} + \frac{200489}{T_1^5 T_2} + \frac{191996}{T_1^4 T_2} - \frac{411527}{T_1^3 T_2} + \frac{251444}{T_1^2 T_2} + \frac{60660}{T_1 T_2} + \frac{112439 T_1}{T_2} + \frac{6646 T_1^2}{T_2} - \\
 & \frac{34829 T_1^3}{T_2} + \frac{7488 T_1^4}{T_2} + \frac{5675 T_1^5}{T_2} - \frac{1611 T_1^6}{T_2} + \frac{2399 T_1^7}{T_2} - \frac{5769 T_1^8}{T_2} + \frac{2641 T_1^9}{T_2} + \frac{3164 T_1^{10}}{T_2} - \frac{4979 T_1^{11}}{T_2} + \frac{2881 T_1^{12}}{T_2} - \\
 & \frac{240 T_1^{13}}{T_2} - \frac{838 T_1^{14}}{T_2} + \frac{552 T_1^{15}}{T_2} - \frac{140 T_1^{16}}{T_2} + \frac{13 T_1^{17}}{T_2} + 100828 T_2 - \frac{2 T_2}{T_1^{20}} + \frac{34 T_2}{T_1^{19}} - \frac{372 T_2}{T_1^{18}} + \frac{1189 T_2}{T_1^{17}} - \frac{1199 T_2}{T_1^{16}} - \\
 & \frac{1235 T_2}{T_1^{15}} + \frac{6616 T_2}{T_1^{14}} - \frac{12720 T_2}{T_1^{13}} + \frac{12683 T_2}{T_1^{12}} + \frac{1731 T_2}{T_1^{11}} - \frac{36316 T_2}{T_1^{10}} + \frac{80237 T_2}{T_1^9} - \frac{79321 T_2}{T_1^8} - \frac{26927 T_2}{T_1^7} + \\
 & \frac{192924 T_2}{T_1^6} - \frac{248817 T_2}{T_1^5} + \frac{75675 T_2}{T_1^4} + \frac{199015 T_2}{T_1^3} - \frac{298315 T_2}{T_1^2} + \frac{128873 T_2}{T_1} - 162385 T_1 T_2 + 66980 T_1^2 T_2 + \\
 & 27576 T_1^3 T_2 - 40393 T_1^4 T_2 + 11647 T_1^5 T_2 + 7841 T_1^6 T_2 - 13139 T_1^7 T_2 + 13867 T_1^8 T_2 - 7085 T_1^9 T_2 - 4029 T_1^{10} T_2 + \\
 & 8532 T_1^{11} T_2 - 5022 T_1^{12} T_2 + 596 T_1^{13} T_2 + 1060 T_1^{14} T_2 - 951 T_1^{15} T_2 + 384 T_1^{16} T_2 - 34 T_1^{17} T_2 - 43 T_1^{18} T_2 + 17 T_1^{19} T_2 - \\
 & 194881 T_2^2 - \frac{17 T_2^2}{T_1^{19}} + \frac{101 T_2^2}{T_1^{18}} + \frac{29 T_2^2}{T_1^{17}} - \frac{1142 T_2^2}{T_1^{16}} + \frac{2773 T_2^2}{T_1^{15}} - \frac{2831 T_2^2}{T_1^{14}} - \frac{1217 T_2^2}{T_1^{13}} + \frac{11575 T_2^2}{T_1^{12}} - \frac{24844 T_2^2}{T_1^{11}} + \\
 & \frac{28071 T_2^2}{T_1^{10}} - \frac{3545 T_2^2}{T_1^9} - \frac{57355 T_2^2}{T_1^8} + \frac{120608 T_2^2}{T_1^7} - \frac{106228 T_2^2}{T_1^6} - \frac{29266 T_2^2}{T_1^5} + \frac{200995 T_2^2}{T_1^4} - \frac{234086 T_2^2}{T_1^3} + \\
 & \frac{63244 T_2^2}{T_1^2} + \frac{150431 T_2^2}{T_1} + 67601 T_1 T_2^2 + 58689 T_1^2 T_2^2 - 75378 T_1^3 T_2^2 + 25000 T_1^4 T_2^2 + 12633 T_1^5 T_2^2 - 19774 T_1^6 T_2^2 + \\
 & 13671 T_1^7 T_2^2 - 1391 T_1^8 T_2^2 - 13204 T_1^9 T_2^2 + 16265 T_1^{10} T_2^2 - 6136 T_1^{11} T_2^2 - 3461 T_1^{12} T_2^2 + 4737 T_1^{13} T_2^2 - 1961 T_1^{14} T_2^2 + \\
 & 130 T_1^{15} T_2^2 + 334 T_1^{16} T_2^2 - 243 T_1^{17} T_2^2 + 81 T_1^{18} T_2^2 - 4 T_1^{19} T_2^2 - 4 T_1^{20} T_2^2 + 21991 T_2^3 + \frac{37 T_2^3}{T_1^{18}} - \frac{158 T_2^3}{T_1^{17}} + \frac{227 T_2^3}{T_1^{16}} + \\
 & \frac{512 T_2^3}{T_1^{15}} - \frac{2707 T_2^3}{T_1^{14}} + \frac{5737 T_2^3}{T_1^{13}} - \frac{7432 T_2^3}{T_1^{12}} + \frac{1623 T_2^3}{T_1^{11}} + \frac{17940 T_2^3}{T_1^{10}} - \frac{44217 T_2^3}{T_1^9} + \frac{51893 T_2^3}{T_1^8} - \frac{10826 T_2^3}{T_1^7} - \\
 & \frac{75688 T_2^3}{T_1^6} + \frac{144129 T_2^3}{T_1^5} - \frac{112704 T_2^3}{T_1^4} - \frac{28905 T_2^3}{T_1^3} + \frac{168410 T_2^3}{T_1^2} - \frac{163782 T_2^3}{T_1} + 97412 T_1 T_2^3 - 91365 T_1^2 T_2^3 + \\
 & 14552 T_1^3 T_2^3 + 35134 T_1^4 T_2^3 - 33969 T_1^5 T_2^3 + 14934 T_1^6 T_2^3 + 3322 T_1^7 T_2^3 - 19462 T_1^8 T_2^3 + 21735 T_1^9 T_2^3 - 4898 T_1^{10} T_2^3 - \\
 & 11058 T_1^{11} T_2^3 + 11013 T_1^{12} T_2^3 - 2780 T_1^{13} T_2^3 - 1806 T_1^{14} T_2^3 + 1630 T_1^{15} T_2^3 - 548 T_1^{16} T_2^3 + 43 T_1^{17} T_2^3 + 56 T_1^{18} T_2^3 - \\
 & 30 T_1^{19} T_2^3 + 5 T_1^{20} T_2^3 + 108306 T_2^4 - \frac{52 T_2^4}{T_1^{17}} + \frac{144 T_2^4}{T_1^{16}} - \frac{215 T_2^4}{T_1^{15}} + \frac{61 T_2^4}{T_1^{14}} + \frac{966 T_2^4}{T_1^{13}} - \frac{4063 T_2^4}{T_1^{12}} + \frac{10782 T_2^4}{T_1^{11}} - \\
 & \frac{16767 T_2^4}{T_1^{10}} + \frac{7618 T_2^4}{T_1^9} + \frac{25881 T_2^4}{T_1^8} - \frac{66737 T_2^4}{T_1^7} + \frac{73085 T_2^4}{T_1^6} - \frac{15526 T_2^4}{T_1^5} - \frac{78448 T_2^4}{T_1^4} + \frac{133483 T_2^4}{T_1^3} - \frac{88987 T_2^4}{T_1^2} - \\
 & \frac{29677 T_2^4}{T_1} - 74536 T_1 T_2^4 - 8825 T_1^2 T_2^4 + 46120 T_1^3 T_2^4 - 26524 T_1^4 T_2^4 - 3088 T_1^5 T_2^4 + 17125 T_1^6 T_2^4 - 22722 T_1^7 T_2^4 + \\
 & 19728 T_1^8 T_2^4 + 118 T_1^9 T_2^4 - 20801 T_1^{10} T_2^4 + 19227 T_1^{11} T_2^4 - 2833 T_1^{12} T_2^4 - 6571 T_1^{13} T_2^4 + 4832 T_1^{14} T_2^4 - 882 T_1^{15} T_2^4 - \\
 & 484 T_1^{16} T_2^4 + 352 T_1^{17} T_2^4 - 99 T_1^{18} T_2^4 + 7 T_1^{19} T_2^4 + 2 T_1^{20} T_2^4 - 46771 T_2^5 + \frac{53 T_2^5}{T_1^{16}} - \frac{143 T_2^5}{T_1^{15}} + \frac{119 T_2^5}{T_1^{14}} - \frac{125 T_2^5}{T_1^{13}} + \\
 & \frac{635 T_2^5}{T_1^{12}} - \frac{720 T_2^5}{T_1^{11}} - \frac{4705 T_2^5}{T_1^{10}} + \frac{19079 T_2^5}{T_1^9} - \frac{30507 T_2^5}{T_1^8} + \frac{15713 T_2^5}{T_1^7} + \frac{31554 T_2^5}{T_1^6} - \frac{80181 T_2^5}{T_1^5} + \frac{80859 T_2^5}{T_1^4} -
 \end{aligned}$$

$$\begin{aligned}
 & \frac{17\,767\,T_2^5}{T_1^3} - \frac{65\,709\,T_2^5}{T_1^2} + \frac{97\,982\,T_2^5}{T_1} - 30\,514\,T_1\,T_2^5 + 51\,085\,T_1^2\,T_2^5 - 15\,093\,T_1^3\,T_2^5 - 16\,060\,T_1^4\,T_2^5 + 17\,195\,T_1^5\,T_2^5 - \\
 & 9196\,T_1^6\,T_2^5 + 3704\,T_1^7\,T_2^5 + 9054\,T_1^8\,T_2^5 - 24\,669\,T_1^9\,T_2^5 + 21\,099\,T_1^{10}\,T_2^5 + 856\,T_1^{11}\,T_2^5 - 15\,177\,T_1^{12}\,T_2^5 + 10\,500\,T_1^{13}\,T_2^5 - \\
 & 681\,T_1^{14}\,T_2^5 - 2667\,T_1^{15}\,T_2^5 + 1459\,T_1^{16}\,T_2^5 - 219\,T_1^{17}\,T_2^5 - 76\,T_1^{18}\,T_2^5 + 38\,T_1^{19}\,T_2^5 - 4\,T_1^{20}\,T_2^5 - 54\,179\,T_2^6 - \frac{38\,T_2^6}{T_1^{15}} + \\
 & \frac{214\,T_2^6}{T_1^{14}} - \frac{314\,T_2^6}{T_1^{13}} + \frac{166\,T_2^6}{T_1^{12}} - \frac{924\,T_2^6}{T_1^{11}} + \frac{3914\,T_2^6}{T_1^{10}} - \frac{5084\,T_2^6}{T_1^9} - \frac{5516\,T_2^6}{T_1^8} + \frac{28\,788\,T_2^6}{T_1^7} - \frac{43\,291\,T_2^6}{T_1^6} + \frac{22\,243\,T_2^6}{T_1^5} + \\
 & \frac{31\,939\,T_2^6}{T_1^4} - \frac{77\,741\,T_2^6}{T_1^3} + \frac{69\,679\,T_2^6}{T_1^2} - \frac{7424\,T_2^6}{T_1} + 56\,607\,T_1\,T_2^6 - 8510\,T_1^2\,T_2^6 - 26\,061\,T_1^3\,T_2^6 + 16\,523\,T_1^4\,T_2^6 + \\
 & 4101\,T_1^5\,T_2^6 - 7922\,T_1^6\,T_2^6 + 7684\,T_1^7\,T_2^6 - 13\,630\,T_1^8\,T_2^6 + 10\,697\,T_1^9\,T_2^6 + 7744\,T_1^{10}\,T_2^6 - 21\,044\,T_1^{11}\,T_2^6 + 14\,060\,T_1^{12}\,T_2^6 + \\
 & 1377\,T_1^{13}\,T_2^6 - 7308\,T_1^{14}\,T_2^6 + 3767\,T_1^{15}\,T_2^6 - 74\,T_1^{16}\,T_2^6 - 673\,T_1^{17}\,T_2^6 + 250\,T_1^{18}\,T_2^6 - 16\,T_1^{19}\,T_2^6 - 4\,T_1^{20}\,T_2^6 + 40\,827\,T_2^7 + \\
 & 11\,T_2^7 - \frac{262\,T_2^7}{T_1^{14}} + \frac{714\,T_2^7}{T_1^{13}} - \frac{700\,T_2^7}{T_1^{12}} + \frac{556\,T_2^7}{T_1^{11}} - \frac{3155\,T_2^7}{T_1^{10}} + \frac{9452\,T_2^7}{T_1^9} - \frac{10\,852\,T_2^7}{T_1^8} - \frac{5262\,T_2^7}{T_1^7} + \frac{34\,034\,T_2^7}{T_1^6} - \\
 & \frac{47\,604\,T_2^7}{T_1^4} + \frac{23\,092\,T_2^7}{T_1^3} + \frac{27\,470\,T_2^7}{T_1^2} - \frac{59\,862\,T_2^7}{T_1} + 10\,543\,T_1\,T_2^7 - 39\,404\,T_1^2\,T_2^7 + 21\,319\,T_1^3\,T_2^7 + 11\,072\,T_1^4\,T_2^7 - \\
 & 18\,174\,T_1^5\,T_2^7 + 6445\,T_1^6\,T_2^7 - 1386\,T_1^7\,T_2^7 + 242\,T_1^8\,T_2^7 + 9197\,T_1^9\,T_2^7 - 17\,703\,T_1^{10}\,T_2^7 + 10\,474\,T_1^{11}\,T_2^7 + 5209\,T_1^{12}\,T_2^7 - \\
 & 11\,949\,T_1^{13}\,T_2^7 + 6415\,T_1^{14}\,T_2^7 + 601\,T_1^{15}\,T_2^7 - 2172\,T_1^{16}\,T_2^7 + 871\,T_1^{17}\,T_2^7 + 21\,T_1^{18}\,T_2^7 - 87\,T_1^{19}\,T_2^7 + 7\,T_1^{20}\,T_2^7 + 23\,529\,T_2^8 + \\
 & 18\,T_2^8 - \frac{146\,T_2^8}{T_1^{13}} + \frac{728\,T_2^8}{T_1^{12}} - \frac{1164\,T_2^8}{T_1^{11}} + \frac{423\,T_2^8}{T_1^{10}} - \frac{280\,T_2^8}{T_1^9} + \frac{5500\,T_2^8}{T_1^8} - \frac{14\,845\,T_2^8}{T_1^7} - \frac{15\,274\,T_2^8}{T_1^6} - \frac{3990\,T_2^8}{T_1^5} + \\
 & \frac{31\,681\,T_2^8}{T_1^3} - \frac{40\,471\,T_2^8}{T_1^2} + \frac{15\,325\,T_2^8}{T_1} - 37\,674\,T_1\,T_2^8 + 14\,489\,T_1^2\,T_2^8 + 16\,598\,T_1^3\,T_2^8 - 21\,669\,T_1^4\,T_2^8 + 3115\,T_1^5\,T_2^8 + \\
 & 10\,781\,T_1^6\,T_2^8 - 9679\,T_1^7\,T_2^8 + 7572\,T_1^8\,T_2^8 - 8112\,T_1^9\,T_2^8 + 2104\,T_1^{10}\,T_2^8 + 9481\,T_1^{11}\,T_2^8 - 13\,611\,T_1^{12}\,T_2^8 + 6244\,T_1^{13}\,T_2^8 + \\
 & 2852\,T_1^{14}\,T_2^8 - 5076\,T_1^{15}\,T_2^8 + 2190\,T_1^{16}\,T_2^8 + 87\,T_1^{17}\,T_2^8 - 403\,T_1^{18}\,T_2^8 + 96\,T_1^{19}\,T_2^8 + 13\,T_1^{20}\,T_2^8 - 25\,147\,T_2^9 - \frac{38\,T_2^9}{T_1^{12}} + \\
 & \frac{97\,T_2^9}{T_1^{11}} + \frac{149\,T_2^9}{T_1^{10}} - \frac{796\,T_2^9}{T_1^9} + \frac{470\,T_2^9}{T_1^8} + \frac{1502\,T_2^9}{T_1^7} - \frac{1100\,T_2^9}{T_1^6} - \frac{6245\,T_2^9}{T_1^5} + \frac{16\,066\,T_2^9}{T_1^4} - \frac{14\,865\,T_2^9}{T_1^3} - \frac{3415\,T_2^9}{T_1^2} + \\
 & \frac{24\,378\,T_2^9}{T_1} + 2830\,T_1\,T_2^9 + 19\,673\,T_1^2\,T_2^9 - 19\,752\,T_1^3\,T_2^9 + 1286\,T_1^4\,T_2^9 + 12\,683\,T_1^5\,T_2^9 - 10\,431\,T_1^6\,T_2^9 + 1867\,T_1^7\,T_2^9 + \\
 & 2233\,T_1^8\,T_2^9 - 4951\,T_1^9\,T_2^9 + 8995\,T_1^{10}\,T_2^9 - 9008\,T_1^{11}\,T_2^9 + 1888\,T_1^{12}\,T_2^9 + 5803\,T_1^{13}\,T_2^9 - 6678\,T_1^{14}\,T_2^9 + 2261\,T_1^{15}\,T_2^9 + \\
 & 1239\,T_1^{16}\,T_2^9 - 1407\,T_1^{17}\,T_2^9 + 414\,T_1^{18}\,T_2^9 + 33\,T_1^{19}\,T_2^9 - 34\,T_1^{20}\,T_2^9 - 5926\,T_2^{10} + \frac{37\,T_2^{10}}{T_1^{11}} - \frac{259\,T_2^{10}}{T_1^{10}} + \frac{475\,T_2^{10}}{T_1^9} - \\
 & \frac{63\,T_2^{10}}{T_1^8} - \frac{372\,T_2^{10}}{T_1^7} - \frac{1139\,T_2^{10}}{T_1^6} + \frac{3866\,T_2^{10}}{T_1^5} - \frac{2934\,T_2^{10}}{T_1^4} - \frac{4922\,T_2^{10}}{T_1^3} + \frac{13\,035\,T_2^{10}}{T_1^2} - \frac{9253\,T_2^{10}}{T_1} + 16\,424\,T_1\,T_2^{10} - \\
 & 10\,726\,T_1^2\,T_2^{10} - 4609\,T_1^3\,T_2^{10} + 13\,673\,T_1^4\,T_2^{10} - 9385\,T_1^5\,T_2^{10} - 441\,T_1^6\,T_2^{10} + 6264\,T_1^7\,T_2^{10} - 7192\,T_1^8\,T_2^{10} + 6072\,T_1^9\,T_2^{10} - \\
 & 2802\,T_1^{10}\,T_2^{10} - 2625\,T_1^{11}\,T_2^{10} + 6667\,T_1^{12}\,T_2^{10} - 5752\,T_1^{13}\,T_2^{10} + 1116\,T_1^{14}\,T_2^{10} + 2282\,T_1^{15}\,T_2^{10} - 2148\,T_1^{16}\,T_2^{10} + \\
 & 513\,T_1^{17}\,T_2^{10} + 279\,T_1^{18}\,T_2^{10} - 180\,T_1^{19}\,T_2^{10} + 25\,T_1^{20}\,T_2^{10} + 7902\,T_2^{11} - \frac{17\,T_2^{11}}{T_1^{10}} + \frac{223\,T_2^{11}}{T_1^9} - \frac{605\,T_2^{11}}{T_1^8} + \frac{517\,T_2^{11}}{T_1^7} + \\
 & \frac{253\,T_2^{11}}{T_1^6} - \frac{127\,T_2^{11}}{T_1^5} - \frac{2318\,T_2^{11}}{T_1^4} + \frac{4766\,T_2^{11}}{T_1^3} - \frac{2150\,T_2^{11}}{T_1^2} - \frac{5165\,T_2^{11}}{T_1} - 932\,T_1\,T_2^{11} - 8156\,T_1^2\,T_2^{11} + 9542\,T_1^3\,T_2^{11} - \\
 & 2767\,T_1^4\,T_2^{11} - 4910\,T_1^5\,T_2^{11} + 7576\,T_1^6\,T_2^{11} - 5757\,T_1^7\,T_2^{11} + 1985\,T_1^8\,T_2^{11} + 2604\,T_1^9\,T_2^{11} - 6185\,T_1^{10}\,T_2^{11} + 6522\,T_1^{11}\,T_2^{11} - \\
 & 3244\,T_1^{12}\,T_2^{11} - 1072\,T_1^{13}\,T_2^{11} + 3348\,T_1^{14}\,T_2^{11} - 2553\,T_1^{15}\,T_2^{11} + 517\,T_1^{16}\,T_2^{11} + 536\,T_1^{17}\,T_2^{11} - 407\,T_1^{18}\,T_2^{11} + 57\,T_1^{19}\,T_2^{11} +
 \end{aligned}$$

$$\begin{aligned}
 & 17 T_1^{20} T_2^{11} + 2362 T_2^{12} - \frac{85 T_2^{12}}{T_1^8} + \frac{323 T_2^{12}}{T_1^7} - \frac{380 T_2^{12}}{T_1^6} - \frac{212 T_2^{12}}{T_1^5} + \frac{828 T_2^{12}}{T_1^4} + \frac{121 T_2^{12}}{T_1^3} - \frac{2151 T_2^{12}}{T_1^2} + \frac{1768 T_2^{12}}{T_1} - \\
 & \gg 5152 T_1 T_2^{12} + 1813 T_1^2 T_2^{12} + 4571 T_1^3 T_2^{12} - 7355 T_1^4 T_2^{12} + 4938 T_1^5 T_2^{12} - 807 T_1^6 T_2^{12} - 2333 T_1^7 T_2^{12} + 4612 T_1^8 T_2^{12} - \\
 & 5473 T_1^9 T_2^{12} + 3405 T_1^{10} T_2^{12} + 657 T_1^{11} T_2^{12} - 3830 T_1^{12} T_2^{12} + 3939 T_1^{13} T_2^{12} - 1776 T_1^{14} T_2^{12} - 407 T_1^{15} T_2^{12} + \\
 & 1161 T_1^{16} T_2^{12} - 688 T_1^{17} T_2^{12} + 96 T_1^{18} T_2^{12} + 84 T_1^{19} T_2^{12} - 29 T_1^{20} T_2^{12} - 647 T_2^{13} - \frac{3 T_2^{13}}{T_1^8} + \frac{10 T_2^{13}}{T_1^7} - \frac{76 T_2^{13}}{T_1^6} + \frac{194 T_2^{13}}{T_1^5} - \\
 & \frac{28 T_2^{13}}{T_1^4} - \frac{494 T_2^{13}}{T_1^3} + \frac{376 T_2^{13}}{T_1^2} + \frac{654 T_2^{13}}{T_1} - 1718 T_1 T_2^{13} + 4082 T_1^2 T_2^{13} - 2937 T_1^3 T_2^{13} - 1308 T_1^4 T_2^{13} + 4432 T_1^5 T_2^{13} - \\
 & 4307 T_1^6 T_2^{13} + 2843 T_1^7 T_2^{13} - 1453 T_1^8 T_2^{13} - 735 T_1^9 T_2^{13} + 3382 T_1^{10} T_2^{13} - 4372 T_1^{11} T_2^{13} + 2826 T_1^{12} T_2^{13} - 21 T_1^{13} T_2^{13} - \\
 & 1706 T_1^{14} T_2^{13} + 1567 T_1^{15} T_2^{13} - 604 T_1^{16} T_2^{13} - 96 T_1^{17} T_2^{13} + 224 T_1^{18} T_2^{13} - 93 T_1^{19} T_2^{13} + 8 T_1^{20} T_2^{13} - 649 T_2^{14} + \\
 & \frac{15 T_2^{14}}{T_1^7} - \frac{26 T_2^{14}}{T_1^6} + \frac{44 T_2^{14}}{T_1^5} - \frac{199 T_2^{14}}{T_1^4} + \frac{374 T_2^{14}}{T_1^3} - \frac{235 T_2^{14}}{T_1^2} + \frac{146 T_2^{14}}{T_1} + 978 T_1 T_2^{14} + 102 T_1^2 T_2^{14} - 2263 T_1^3 T_2^{14} + \\
 & 3331 T_1^4 T_2^{14} - 1785 T_1^5 T_2^{14} - 767 T_1^6 T_2^{14} + 2003 T_1^7 T_2^{14} - 2236 T_1^8 T_2^{14} + 2456 T_1^9 T_2^{14} - 1970 T_1^{10} T_2^{14} + 229 T_1^{11} T_2^{14} + \\
 & 1686 T_1^{12} T_2^{14} - 2339 T_1^{13} T_2^{14} + 1399 T_1^{14} T_2^{14} - 63 T_1^{15} T_2^{14} - 490 T_1^{16} T_2^{14} + 363 T_1^{17} T_2^{14} - 104 T_1^{18} T_2^{14} - 14 T_1^{19} T_2^{14} + \\
 & 14 T_1^{20} T_2^{14} - 282 T_2^{15} - \frac{17 T_2^{15}}{T_1^6} + \frac{44 T_2^{15}}{T_1^5} - \frac{60 T_2^{15}}{T_1^4} + \frac{152 T_2^{15}}{T_1^3} - \frac{339 T_2^{15}}{T_1^2} + \frac{388 T_2^{15}}{T_1} + 409 T_1 T_2^{15} - 841 T_1^2 T_2^{15} + \\
 & 933 T_1^3 T_2^{15} + 96 T_1^4 T_2^{15} - 1759 T_1^5 T_2^{15} + 2307 T_1^6 T_2^{15} - 1235 T_1^7 T_2^{15} - 82 T_1^8 T_2^{15} + 852 T_1^9 T_2^{15} - 1449 T_1^{10} T_2^{15} + \\
 & 1885 T_1^{11} T_2^{15} - 1570 T_1^{12} T_2^{15} + 427 T_1^{13} T_2^{15} + 702 T_1^{14} T_2^{15} - 947 T_1^{15} T_2^{15} + 457 T_1^{16} T_2^{15} - 20 T_1^{17} T_2^{15} - 93 T_1^{18} T_2^{15} + \\
 & 52 T_1^{19} T_2^{15} - 10 T_1^{20} T_2^{15} - 40 T_2^{16} + \frac{9 T_2^{16}}{T_1^5} - \frac{27 T_2^{16}}{T_1^4} + \frac{29 T_2^{16}}{T_1^3} - \frac{26 T_2^{16}}{T_1^2} + \frac{52 T_2^{16}}{T_1} - 91 T_1 T_2^{16} + 205 T_1^2 T_2^{16} + \\
 & 22 T_1^3 T_2^{16} - 645 T_1^4 T_2^{16} + 939 T_1^5 T_2^{16} - 236 T_1^6 T_2^{16} - 806 T_1^7 T_2^{16} + 1106 T_1^8 T_2^{16} - 695 T_1^9 T_2^{16} + 214 T_1^{10} T_2^{16} + \\
 & 176 T_1^{11} T_2^{16} - 637 T_1^{12} T_2^{16} + 962 T_1^{13} T_2^{16} - 746 T_1^{14} T_2^{16} + 130 T_1^{15} T_2^{16} + 279 T_1^{16} T_2^{16} - 249 T_1^{17} T_2^{16} + 85 T_1^{18} T_2^{16} - \\
 & 7 T_1^{19} T_2^{16} - 3 T_1^{20} T_2^{16} + 70 T_2^{17} - \frac{2 T_2^{17}}{T_1^4} + \frac{5 T_2^{17}}{T_1^3} + \frac{6 T_2^{17}}{T_1^2} - \frac{39 T_2^{17}}{T_1} - 102 T_1 T_2^{17} + 193 T_1^2 T_2^{17} - 329 T_1^3 T_2^{17} + \\
 & 314 T_1^4 T_2^{17} + 90 T_1^5 T_2^{17} - 641 T_1^6 T_2^{17} + 697 T_1^7 T_2^{17} - 169 T_1^8 T_2^{17} - 367 T_1^9 T_2^{17} + 534 T_1^{10} T_2^{17} - 484 T_1^{11} T_2^{17} + \\
 & 371 T_1^{12} T_2^{17} - 119 T_1^{13} T_2^{17} - 234 T_1^{14} T_2^{17} + 397 T_1^{15} T_2^{17} - 237 T_1^{16} T_2^{17} + 11 T_1^{17} T_2^{17} + 60 T_1^{18} T_2^{17} - 30 T_1^{19} T_2^{17} + \\
 & 5 T_1^{20} T_2^{17} + 26 T_2^{18} + \frac{T_2^{18}}{T_1^2} - \frac{9 T_2^{18}}{T_1} - 34 T_1 T_2^{18} + 28 T_1^2 T_2^{18} - 55 T_1^3 T_2^{18} + 125 T_1^4 T_2^{18} - 166 T_1^5 T_2^{18} + 65 T_1^6 T_2^{18} + \\
 & 158 T_1^7 T_2^{18} - 279 T_1^8 T_2^{18} + 176 T_1^9 T_2^{18} + 23 T_1^{10} T_2^{18} - 151 T_1^{11} T_2^{18} + 215 T_1^{12} T_2^{18} - 243 T_1^{13} T_2^{18} + 184 T_1^{14} T_2^{18} - \\
 & 29 T_1^{15} T_2^{18} - 107 T_1^{16} T_2^{18} + 113 T_1^{17} T_2^{18} - 47 T_1^{18} T_2^{18} + 4 T_1^{19} T_2^{18} + 2 T_1^{20} T_2^{18} + T_2^{19} - 3 T_1 T_2^{19} + T_1^2 T_2^{19} + 8 T_1^3 T_2^{19} - \\
 & 31 T_1^4 T_2^{19} + 54 T_1^5 T_2^{19} - 34 T_1^6 T_2^{19} - 23 T_1^7 T_2^{19} + 59 T_1^8 T_2^{19} - 44 T_1^9 T_2^{19} + 3 T_1^{10} T_2^{19} + 22 T_1^{11} T_2^{19} - 37 T_1^{12} T_2^{19} + \\
 & 53 T_1^{13} T_2^{19} - 54 T_1^{14} T_2^{19} + 27 T_1^{15} T_2^{19} + 10 T_1^{16} T_2^{19} - 22 T_1^{17} T_2^{19} + 13 T_1^{18} T_2^{19} - 3 T_1^{19} T_2^{19} - 3 T_1^4 T_2^{20} + 5 T_1^5 T_2^{20} - \\
 & 10 T_1^7 T_2^{20} + 14 T_1^8 T_2^{20} - 4 T_1^9 T_2^{20} - 10 T_1^{10} T_2^{20} + 14 T_1^{11} T_2^{20} - 4 T_1^{12} T_2^{20} - 7 T_1^{13} T_2^{20} + 9 T_1^{14} T_2^{20} - 4 T_1^{15} T_2^{20} + T_1^5 T_2^{21} - \\
 & 3 T_1^6 T_2^{21} + 4 T_1^7 T_2^{21} - 2 T_1^8 T_2^{21} - 2 T_1^9 T_2^{21} + 4 T_1^{10} T_2^{21} - 2 T_1^{11} T_2^{21} - 2 T_1^{12} T_2^{21} + 4 T_1^{13} T_2^{21} - 3 T_1^{14} T_2^{21} + T_1^{15} T_2^{21} \\
 & \gg -1076 - \frac{1}{T_1^{18}} - \frac{13}{T_1^{17}} + \frac{29}{T_1^{16}} + \frac{99}{T_1^{15}} - \frac{195}{T_1^{14}} - \frac{12}{T_1^{13}} - \frac{38}{T_1^{12}} + \frac{131}{T_1^{11}} + \frac{449}{T_1^{10}} - \frac{280}{T_1^9} + \frac{142}{T_1^8} - \frac{1768}{T_1^7} + \frac{2843}{T_1^6} - \frac{670}{T_1^5} - \frac{4046}{T_1^4} + \frac{3818}{T_1^3} + \\
 & \frac{3170}{T_1^2} - \frac{7264}{T_1} + 8120 T_1 - 5795 T_1^2 - 2722 T_1^3 + 4966 T_1^4 - 639 T_1^5 - 2565 T_1^6 + 827 T_1^7 + 1031 T_1^8 - 629 T_1^9 + 16 T_1^{10} + \\
 & 163 T_1^{11} + 55 T_1^{12} - 55 T_1^{13} + 34 T_1^{14} - 3 T_1^{15} - 21 T_1^{16} - 7 T_1^{17} - \frac{2}{T_1^{20} T_2^{20}} + \frac{4}{T_1^{19} T_2^{20}} - \frac{2}{T_1^{18} T_2^{20}} - \frac{4}{T_1^{16} T_2^{20}} + \frac{9}{T_1^{15} T_2^{20}} - \\
 & \frac{1}{T_1^{14} T_2^{20}} - \frac{18}{T_1^{13} T_2^{20}} + \frac{28}{T_1^{12} T_2^{20}} - \frac{12}{T_1^{11} T_2^{20}} - \frac{8}{T_1^{10} T_2^{20}} + \frac{12}{T_1^9 T_2^{20}} - \frac{2}{T_1^8 T_2^{20}} - \frac{4}{T_1^7 T_2^{20}} + \frac{1}{T_1^6 T_2^{20}} + \frac{3}{T_1^5 T_2^{20}} - \frac{2}{T_1^4 T_2^{20}} + \frac{6}{T_1^3 T_2^{20}} -
 \end{aligned}$$

$$\begin{aligned}
 & \frac{9}{T_1^{19} T_2^{19}} + \frac{3}{T_1^{17} T_2^{19}} + \frac{12}{T_1^{16} T_2^{19}} - \frac{20}{T_1^{15} T_2^{19}} - \frac{12}{T_1^{14} T_2^{19}} + \frac{55}{T_1^{13} T_2^{19}} - \frac{53}{T_1^{12} T_2^{19}} - \frac{11}{T_1^{11} T_2^{19}} + \frac{43}{T_1^{10} T_2^{19}} - \frac{20}{T_1^9 T_2^{19}} - \frac{17}{T_1^8 T_2^{19}} + \\
 & \frac{16}{T_1^7 T_2^{19}} + \frac{6}{T_1^6 T_2^{19}} - \frac{14}{T_1^5 T_2^{19}} + \frac{3}{T_1^4 T_2^{19}} + \frac{3}{T_1^3 T_2^{19}} - \frac{6}{T_1^2 T_2^{18}} + \frac{3}{T_1^{19} T_2^{18}} + \frac{12}{T_1^{18} T_2^{18}} - \frac{8}{T_1^{17} T_2^{18}} - \frac{15}{T_1^{16} T_2^{18}} + \frac{9}{T_1^{15} T_2^{18}} + \\
 & \frac{40}{T_1^{14} T_2^{18}} - \frac{59}{T_1^{13} T_2^{18}} + \frac{94}{T_1^{11} T_2^{18}} - \frac{78}{T_1^{10} T_2^{18}} - \frac{2}{T_1^9 T_2^{18}} + \frac{48}{T_1^8 T_2^{18}} - \frac{17}{T_1^7 T_2^{18}} - \frac{18}{T_1^6 T_2^{18}} + \frac{13}{T_1^5 T_2^{18}} + \frac{10}{T_1^4 T_2^{18}} - \frac{3}{T_1^3 T_2^{18}} - \frac{3}{T_1^2 T_2^{18}} + \\
 & \frac{1}{T_1 T_2^{18}} - \frac{6}{T_1^{19} T_2^{17}} + \frac{2}{T_1^{20} T_2^{17}} + \frac{5}{T_1^{19} T_2^{17}} - \frac{15}{T_1^{18} T_2^{17}} - \frac{1}{T_1^{17} T_2^{17}} + \frac{23}{T_1^{16} T_2^{17}} + \frac{2}{T_1^{15} T_2^{17}} - \frac{44}{T_1^{14} T_2^{17}} + \frac{25}{T_1^{13} T_2^{17}} + \frac{57}{T_1^{12} T_2^{17}} - \\
 & \frac{114}{T_1^{11} T_2^{17}} + \frac{41}{T_1^{10} T_2^{17}} + \frac{56}{T_1^9 T_2^{17}} - \frac{64}{T_1^8 T_2^{17}} + \frac{3}{T_1^7 T_2^{17}} + \frac{28}{T_1^6 T_2^{17}} - \frac{9}{T_1^5 T_2^{17}} - \frac{14}{T_1^4 T_2^{17}} + \frac{4}{T_1^3 T_2^{17}} + \frac{6}{T_1^2 T_2^{17}} + \frac{6}{T_1 T_2^{17}} + \frac{T_1}{T_2^{17}} + \\
 & \frac{10}{T_1^{16} T_2^{16}} - \frac{4}{T_1^{20} T_2^{16}} + \frac{5}{T_1^{19} T_2^{16}} - \frac{2}{T_1^{18} T_2^{16}} + \frac{22}{T_1^{17} T_2^{16}} - \frac{32}{T_1^{16} T_2^{16}} - \frac{5}{T_1^{15} T_2^{16}} + \frac{35}{T_1^{14} T_2^{16}} - \frac{29}{T_1^{13} T_2^{16}} + \frac{11}{T_1^{12} T_2^{16}} - \frac{14}{T_1^{11} T_2^{16}} + \\
 & \frac{51}{T_1^{10} T_2^{16}} - \frac{37}{T_1^9 T_2^{16}} - \frac{57}{T_1^8 T_2^{16}} + \frac{81}{T_1^7 T_2^{16}} - \frac{36}{T_1^6 T_2^{16}} - \frac{14}{T_1^5 T_2^{16}} + \frac{20}{T_1^4 T_2^{16}} - \frac{2}{T_1^3 T_2^{16}} + \frac{11}{T_1^2 T_2^{16}} - \frac{32}{T_1 T_2^{16}} + \frac{9 T_1}{T_2^{16}} - \frac{3 T_1^2}{T_2^{15}} + \frac{74}{T_2^{15}} + \\
 & \frac{13}{T_1^{20} T_2^{15}} - \frac{19}{T_1^{19} T_2^{15}} + \frac{5}{T_1^{18} T_2^{15}} - \frac{16}{T_1^{17} T_2^{15}} + \frac{11}{T_1^{16} T_2^{15}} - \frac{4}{T_1^{14} T_2^{15}} + \frac{65}{T_1^{13} T_2^{15}} - \frac{133}{T_1^{12} T_2^{15}} + \frac{59}{T_1^{11} T_2^{15}} + \frac{100}{T_1^{10} T_2^{15}} - \frac{177}{T_1^9 T_2^{15}} + \\
 & \frac{64}{T_1^8 T_2^{15}} + \frac{210}{T_1^7 T_2^{15}} - \frac{195}{T_1^6 T_2^{15}} + \frac{11}{T_1^5 T_2^{15}} + \frac{95}{T_1^4 T_2^{15}} - \frac{38}{T_1^3 T_2^{15}} - \frac{31}{T_1^2 T_2^{15}} + \frac{4}{T_1 T_2^{15}} - \frac{55 T_1}{T_2^{15}} + \frac{3 T_1^4}{T_2^{15}} - \frac{5}{T_2^{15}} - \frac{163}{T_2^{14}} - \frac{10}{T_2^{14}} + \\
 & \frac{8}{T_1^{19} T_2^{14}} + \frac{7}{T_1^{18} T_2^{14}} - \frac{6}{T_1^{17} T_2^{14}} + \frac{5}{T_1^{16} T_2^{14}} + \frac{23}{T_1^{15} T_2^{14}} - \frac{19}{T_1^{14} T_2^{14}} - \frac{32}{T_1^{13} T_2^{14}} + \frac{73}{T_1^{12} T_2^{14}} + \frac{60}{T_1^{11} T_2^{14}} - \frac{241}{T_1^{10} T_2^{14}} + \frac{415}{T_1^9 T_2^{14}} + \\
 & \frac{540}{T_1^8 T_2^{14}} - \frac{714}{T_1^7 T_2^{14}} + \frac{10}{T_1^6 T_2^{14}} + \frac{426}{T_1^5 T_2^{14}} - \frac{239}{T_1^4 T_2^{14}} - \frac{112}{T_1^3 T_2^{14}} + \frac{83}{T_1^2 T_2^{14}} + \frac{131}{T_1 T_2^{14}} - \frac{17 T_1}{T_2^{14}} + \frac{72 T_1^2}{T_2^{14}} - \frac{2 T_1^3}{T_2^{14}} - \frac{2 T_1^4}{T_2^{14}} - \frac{5 T_1^5}{T_2^{14}} + \\
 & \frac{3 T_1^6}{T_2^{14}} - \frac{27}{T_2^{14}} - \frac{17}{T_2^{14}} + \frac{50}{T_2^{14}} - \frac{49}{T_2^{14}} + \frac{20}{T_2^{14}} - \frac{44}{T_2^{14}} + \frac{25}{T_2^{14}} - \frac{16}{T_2^{14}} + \frac{16}{T_2^{14}} + \frac{214}{T_2^{14}} - \frac{459}{T_2^{14}} + \\
 & \frac{14}{T_2^{14}} - \frac{13}{T_2^{13}} + \frac{20}{T_1^{20} T_2^{13}} + \frac{19}{T_1^{19} T_2^{13}} - \frac{18}{T_1^{18} T_2^{13}} + \frac{17}{T_1^{17} T_2^{13}} - \frac{16}{T_1^{16} T_2^{13}} + \frac{15}{T_1^{15} T_2^{13}} - \frac{14}{T_1^{14} T_2^{13}} + \frac{13}{T_1^{13} T_2^{13}} + \frac{12}{T_1^{12} T_2^{13}} - \frac{11}{T_1^{11} T_2^{13}} + \\
 & \frac{166}{T_1^{10} T_2^{13}} + \frac{620}{T_1^9 T_2^{13}} - \frac{887}{T_1^8 T_2^{13}} + \frac{28}{T_1^7 T_2^{13}} + \frac{1143}{T_1^6 T_2^{13}} - \frac{837}{T_1^5 T_2^{13}} - \frac{166}{T_1^4 T_2^{13}} + \frac{538}{T_1^3 T_2^{13}} - \frac{82}{T_1^2 T_2^{13}} - \frac{210}{T_1 T_2^{13}} + \frac{278 T_1}{T_2^{13}} - \frac{130 T_1^2}{T_2^{13}} - \\
 & \frac{32 T_1^3}{T_2^{13}} + \frac{2 T_1^4}{T_2^{13}} + \frac{10 T_1^5}{T_2^{13}} - \frac{4 T_1^7}{T_2^{13}} + \frac{223}{T_2^{12}} + \frac{46}{T_1^{20} T_2^{12}} - \frac{62}{T_1^{19} T_2^{12}} - \frac{3}{T_1^{18} T_2^{12}} + \frac{29}{T_1^{17} T_2^{12}} + \frac{69}{T_1^{16} T_2^{12}} - \frac{129}{T_1^{15} T_2^{12}} + \frac{4}{T_1^{14} T_2^{12}} + \\
 & \frac{202}{T_2^{12}} - \frac{378}{T_2^{12}} + \frac{70}{T_2^{12}} - \frac{537}{T_2^{12}} + \frac{777}{T_2^{12}} - \frac{97}{T_2^{12}} - \frac{1329}{T_2^{12}} - \frac{1401}{T_2^{12}} + \frac{124}{T_2^{12}} + \frac{1184}{T_2^{12}} - \frac{724}{T_2^{12}} - \frac{178}{T_2^{12}} + \\
 & \frac{13}{T_1^{13} T_2^{12}} - \frac{12}{T_1^{12} T_2^{12}} + \frac{11}{T_1^{11} T_2^{12}} + \frac{10}{T_1^{10} T_2^{12}} - \frac{9}{T_1^9 T_2^{12}} - \frac{8}{T_1^8 T_2^{12}} + \frac{7}{T_1^7 T_2^{12}} - \frac{6}{T_1^6 T_2^{12}} - \frac{5}{T_1^5 T_2^{12}} + \frac{4}{T_1^4 T_2^{12}} - \frac{3}{T_1^3 T_2^{12}} - \frac{2}{T_1^2 T_2^{12}} + \frac{96}{T_1 T_2^{12}} + \\
 & \frac{249}{T_1 T_2^{12}} - \frac{286 T_1}{T_2^{12}} - \frac{69 T_1^2}{T_2^{12}} + \frac{179 T_1^3}{T_2^{12}} - \frac{39 T_1^4}{T_2^{12}} - \frac{8 T_1^5}{T_2^{12}} - \frac{12 T_1^6}{T_2^{12}} + \frac{10 T_1^7}{T_2^{12}} + \frac{2 T_1^8}{T_2^{12}} - \frac{194}{T_2^{12}} + \frac{40}{T_2^{12}} + \frac{2}{T_2^{12}} + \frac{96}{T_2^{12}} - \\
 & \frac{75}{T_2^{12}} - \frac{100}{T_2^{12}} + \frac{92}{T_2^{12}} - \frac{273}{T_2^{12}} + \frac{400}{T_2^{12}} - \frac{48}{T_2^{12}} + \frac{654}{T_2^{12}} - \frac{612}{T_2^{12}} + \frac{236}{T_2^{12}} - \frac{1206}{T_2^{12}} + \frac{810}{T_2^{12}} + \\
 & \frac{17}{T_1^{17} T_2^{11}} - \frac{16}{T_1^{16} T_2^{11}} + \frac{15}{T_1^{15} T_2^{11}} + \frac{14}{T_1^{14} T_2^{11}} - \frac{13}{T_1^{13} T_2^{11}} + \frac{12}{T_1^{12} T_2^{11}} + \frac{11}{T_1^{11} T_2^{11}} - \frac{10}{T_1^{10} T_2^{11}} - \frac{9}{T_1^9 T_2^{11}} + \frac{8}{T_1^8 T_2^{11}} - \frac{7}{T_1^7 T_2^{11}} - \\
 & \frac{506}{T_1^6 T_2^{11}} + \frac{1645}{T_1^5 T_2^{11}} - \frac{1216}{T_1^4 T_2^{11}} - \frac{257}{T_1^3 T_2^{11}} + \frac{878}{T_1^2 T_2^{11}} - \frac{363}{T_1 T_2^{11}} + \frac{33 T_1}{T_2^{11}} + \frac{316 T_1^2}{T_2^{11}} - \frac{246 T_1^3}{T_2^{11}} - \frac{68 T_1^4}{T_2^{11}} + \frac{94 T_1^5}{T_2^{11}} + \frac{11 T_1^6}{T_2^{11}} + \frac{T_1^7}{T_2^{11}} + \\
 & \frac{6}{T_1^6 T_2^{11}} + \frac{5}{T_1^5 T_2^{11}} - \frac{4}{T_1^4 T_2^{11}} - \frac{3}{T_1^3 T_2^{11}} + \frac{2}{T_1^2 T_2^{11}} - \frac{1}{T_1 T_2^{11}} + \frac{T_2^{11}}{T_2^{11}} + \frac{T_2^{11}}{T_2^{11}} - \frac{T_2^{11}}{T_2^{11}} - \frac{T_2^{11}}{T_2^{11}} + \frac{T_2^{11}}{T_2^{11}} + \frac{T_2^{11}}{T_2^{11}} + \frac{T_2^{11}}{T_2^{11}} + \\
 & \frac{14 T_1^8}{T_2^{11}} + \frac{2 T_1^9}{T_2^{11}} + \frac{283}{T_2^{10}} + \frac{4}{T_1^{20} T_2^{10}} + \frac{58}{T_1^{19} T_2^{10}} - \frac{114}{T_1^{18} T_2^{10}} + \frac{41}{T_1^{17} T_2^{10}} + \frac{106}{T_1^{16} T_2^{10}} + \frac{147}{T_1^{15} T_2^{10}} - \frac{509}{T_1^{14} T_2^{10}} + \frac{116}{T_1^{13} T_2^{10}} + \frac{583}{T_1^{12} T_2^{10}} - \\
 & \frac{683}{T_2^{10}} - \frac{399}{T_2^{10}} + \frac{1003}{T_2^{10}} - \frac{123}{T_2^{10}} - \frac{1786}{T_2^{10}} + \frac{1699}{T_2^{10}} - \frac{579}{T_2^{10}} - \frac{930}{T_2^{10}} + \frac{1588}{T_2^{10}} - \frac{877}{T_2^{10}} - \frac{35}{T_2^{10}} + \frac{22 T_1}{T_2^{10}} - \\
 & \frac{11}{T_1^{11} T_2^{10}} - \frac{10}{T_1^{10} T_2^{10}} + \frac{9}{T_1^9 T_2^{10}} - \frac{8}{T_1^8 T_2^{10}} - \frac{7}{T_1^7 T_2^{10}} + \frac{6}{T_1^6 T_2^{10}} - \frac{5}{T_1^5 T_2^{10}} - \frac{4}{T_1^4 T_2^{10}} + \frac{3}{T_1^3 T_2^{10}} - \frac{2}{T_1^2 T_2^{10}} - \frac{1}{T_1 T_2^{10}} + \frac{1}{T_2^{10}} -
 \end{aligned}$$

$$\begin{aligned}
 & \frac{227 T_1^2}{T_2^{10}} - \frac{17 T_1^3}{T_2^{10}} + \frac{385 T_1^4}{T_2^{10}} - \frac{140 T_1^5}{T_2^{10}} - \frac{74 T_1^6}{T_2^{10}} - \frac{9 T_1^7}{T_2^{10}} + \frac{15 T_1^8}{T_2^{10}} + \frac{4 T_1^9}{T_2^{10}} - \frac{4 T_1^{10}}{T_2^{10}} - \frac{320}{T_2^9} + \frac{20}{T_1^{20} T_2^9} - \frac{43}{T_1^{19} T_2^9} + \frac{33}{T_1^{18} T_2^9} + \\
 & \frac{48}{T_1^{17} T_2^9} - \frac{40}{T_1^{16} T_2^9} - \frac{317}{T_1^{15} T_2^9} + \frac{163}{T_1^{14} T_2^9} + \frac{617}{T_1^{13} T_2^9} - \frac{697}{T_1^{12} T_2^9} - \frac{321}{T_1^{11} T_2^9} + \frac{1081}{T_1^{10} T_2^9} + \frac{336}{T_1^9 T_2^9} - \frac{2411}{T_1^8 T_2^9} + \frac{2044}{T_1^7 T_2^9} + \frac{1422}{T_1^6 T_2^9} - \frac{2578}{T_1^5 T_2^9} + \\
 & \frac{1708}{T_1^4 T_2^9} - \frac{238}{T_1^3 T_2^9} - \frac{491}{T_1^2 T_2^9} + \frac{409}{T_1 T_2^9} + \frac{199 T_1}{T_2^9} - \frac{43 T_1^2}{T_2^9} + \frac{231 T_1^3}{T_2^9} - \frac{366 T_1^4}{T_2^9} - \frac{157 T_1^5}{T_2^9} + \frac{217 T_1^6}{T_2^9} + \frac{13 T_1^7}{T_2^9} - \frac{2 T_1^8}{T_2^9} - \frac{14 T_1^9}{T_2^9} + \\
 & \frac{10 T_1^{10}}{T_2^9} + \frac{2 T_1^{11}}{T_2^9} + \frac{676}{T_2^8} - \frac{14}{T_1^{20} T_2^8} - \frac{11}{T_1^{19} T_2^8} + \frac{39}{T_1^{18} T_2^8} - \frac{81}{T_1^{17} T_2^8} - \frac{101}{T_1^{16} T_2^8} + \frac{140}{T_1^{15} T_2^8} + \frac{615}{T_1^{14} T_2^8} - \frac{892}{T_1^{13} T_2^8} - \frac{212}{T_1^{12} T_2^8} + \frac{1230}{T_1^{11} T_2^8} + \\
 & \frac{104}{T_1^{10} T_2^8} - \frac{2643}{T_1^9 T_2^8} + \frac{2283}{T_1^8 T_2^8} - \frac{2640}{T_1^7 T_2^8} + \frac{5251}{T_1^6 T_2^8} - \frac{1854}{T_1^5 T_2^8} - \frac{2023}{T_1^4 T_2^8} - \frac{2049}{T_1^3 T_2^8} + \frac{318}{T_1^2 T_2^8} + \frac{254}{T_1 T_2^8} - \frac{476 T_1}{T_2^8} - \frac{176 T_1^2}{T_2^8} + \frac{86 T_1^3}{T_2^8} - \\
 & \frac{40 T_1^4}{T_2^8} + \frac{368 T_1^5}{T_2^8} - \frac{127 T_1^6}{T_2^8} - \frac{130 T_1^7}{T_2^8} + \frac{39 T_1^8}{T_2^8} + \frac{9 T_1^9}{T_2^8} - \frac{3 T_1^{10}}{T_2^8} - \frac{14 T_1^{11}}{T_2^8} + \frac{2 T_1^{12}}{T_2^8} - \frac{1962}{T_2^7} - \frac{2}{T_1^{20} T_2^7} + \frac{31}{T_1^{19} T_2^7} - \frac{34}{T_1^{18} T_2^7} + \\
 & \frac{33}{T_1^{17} T_2^7} + \frac{171}{T_1^{16} T_2^7} + \frac{317}{T_1^{15} T_2^7} - \frac{937}{T_1^{14} T_2^7} - \frac{22}{T_1^{13} T_2^7} + \frac{1404}{T_1^{12} T_2^7} - \frac{612}{T_1^{11} T_2^7} - \frac{2275}{T_1^{10} T_2^7} + \frac{2180}{T_1^9 T_2^7} - \frac{2537}{T_1^8 T_2^7} + \frac{7517}{T_1^7 T_2^7} + \frac{2312}{T_1^6 T_2^7} + \frac{4609}{T_1^5 T_2^7} - \\
 & \frac{5546}{T_1^4 T_2^7} - \frac{189}{T_1^3 T_2^7} + \frac{2156}{T_1^2 T_2^7} - \frac{52}{T_1 T_2^7} + \frac{7 T_1}{T_2^7} + \frac{1088 T_1^2}{T_2^7} - \frac{350 T_1^3}{T_2^7} - \frac{9 T_1^4}{T_2^7} - \frac{3 T_1^5}{T_2^7} - \frac{167 T_1^6}{T_2^7} + \frac{282 T_1^7}{T_2^7} - \frac{45 T_1^8}{T_2^7} - \frac{47 T_1^9}{T_2^7} - \\
 & \frac{5 T_1^{10}}{T_2^7} + \frac{19 T_1^{11}}{T_2^7} + \frac{4 T_1^{12}}{T_2^7} - \frac{4 T_1^{13}}{T_2^7} + \frac{2217}{T_2^6} + \frac{5}{T_1^{20} T_2^6} - \frac{5}{T_1^{19} T_2^6} - \frac{6}{T_1^{18} T_2^6} + \frac{19}{T_1^{17} T_2^6} - \frac{98}{T_1^{16} T_2^6} - \frac{503}{T_1^{15} T_2^6} + \frac{221}{T_1^{14} T_2^6} + \frac{1336}{T_1^{13} T_2^6} - \\
 & \frac{1394}{T_1^{12} T_2^6} - \frac{1090}{T_1^{11} T_2^6} + \frac{2395}{T_1^{10} T_2^6} - \frac{1773}{T_1^9 T_2^6} + \frac{6118}{T_1^8 T_2^6} - \frac{3711}{T_1^7 T_2^6} + \frac{7572}{T_1^6 T_2^6} - \frac{8560}{T_1^5 T_2^6} + \frac{1096}{T_1^4 T_2^6} + \frac{6483}{T_1^3 T_2^6} - \frac{2490}{T_1^2 T_2^6} - \frac{2394}{T_1 T_2^6} + \frac{1968 T_1}{T_2^6} - \\
 & \frac{1676 T_1^2}{T_2^6} - \frac{398 T_1^3}{T_2^6} + \frac{606 T_1^4}{T_2^6} - \frac{236 T_1^5}{T_2^6} + \frac{77 T_1^6}{T_2^6} - \frac{198 T_1^7}{T_2^6} - \frac{112 T_1^8}{T_2^6} + \frac{119 T_1^9}{T_2^6} + \frac{23 T_1^{10}}{T_2^6} - \frac{5 T_1^{11}}{T_2^6} - \frac{15 T_1^{12}}{T_2^6} + \frac{7 T_1^{13}}{T_2^6} + \\
 & \frac{3 T_1^{14}}{T_2^6} + \frac{593}{T_2^5} + \frac{2}{T_1^{20} T_2^5} - \frac{18}{T_1^{19} T_2^5} + \frac{13}{T_1^{18} T_2^5} - \frac{24}{T_1^{17} T_2^5} - \frac{2}{T_1^{16} T_2^5} + \frac{204}{T_1^{15} T_2^5} + \frac{620}{T_1^{14} T_2^5} - \frac{1360}{T_1^{13} T_2^5} - \frac{83}{T_1^{12} T_2^5} + \frac{2068}{T_1^{11} T_2^5} - \frac{210}{T_1^{10} T_2^5} - \\
 & \frac{4210}{T_1^9 T_2^5} + \frac{2895}{T_1^8 T_2^5} + \frac{5192}{T_1^7 T_2^5} - \frac{10940}{T_1^6 T_2^5} + \frac{1547}{T_1^5 T_2^5} + \frac{7775}{T_1^4 T_2^5} - \frac{7000}{T_1^3 T_2^5} + \frac{2614}{T_1^2 T_2^5} + \frac{4106}{T_1 T_2^5} - \frac{3634 T_1}{T_2^5} + \frac{280 T_1^2}{T_2^5} - \frac{1902 T_1^3}{T_2^5} - \\
 & \frac{547 T_1^4}{T_2^5} - \frac{432 T_1^5}{T_2^5} + \frac{274 T_1^6}{T_2^5} + \frac{84 T_1^7}{T_2^5} + \frac{206 T_1^8}{T_2^5} - \frac{48 T_1^9}{T_2^5} - \frac{91 T_1^{10}}{T_2^5} + \frac{5 T_1^{11}}{T_2^5} + \frac{5 T_1^{12}}{T_2^5} + \frac{T_1^{13}}{T_2^5} - \frac{9 T_1^{14}}{T_2^5} - \frac{T_1^{15}}{T_2^5} - \frac{4197}{T_2^4} - \\
 & \frac{5}{T_1^{20} T_2^4} + \frac{12}{T_1^{19} T_2^4} + \frac{9}{T_1^{18} T_2^4} + \frac{4}{T_1^{17} T_2^4} + \frac{38}{T_1^{16} T_2^4} + \frac{122}{T_1^{15} T_2^4} - \frac{543}{T_1^{14} T_2^4} + \frac{128}{T_1^{13} T_2^4} + \frac{1436}{T_1^{12} T_2^4} - \frac{1425}{T_1^{11} T_2^4} - \frac{1776}{T_1^{10} T_2^4} + \frac{2510}{T_1^9 T_2^4} + \\
 & \frac{2679}{T_1^8 T_2^4} - \frac{7476}{T_1^7 T_2^4} + \frac{2180}{T_1^6 T_2^4} + \frac{8408}{T_1^5 T_2^4} - \frac{8633}{T_1^4 T_2^4} - \frac{1560}{T_1^3 T_2^4} + \frac{6701}{T_1^2 T_2^4} - \frac{821}{T_1 T_2^4} + \frac{1833 T_1}{T_2^4} + \frac{2770 T_1^2}{T_2^4} - \frac{2307 T_1^3}{T_2^4} - \frac{852 T_1^4}{T_2^4} + \\
 & \frac{1117 T_1^5}{T_2^4} + \frac{52 T_1^6}{T_2^4} - \frac{241 T_1^7}{T_2^4} - \frac{79 T_1^8}{T_2^4} - \frac{130 T_1^9}{T_2^4} + \frac{133 T_1^{10}}{T_2^4} + \frac{13 T_1^{11}}{T_2^4} - \frac{11 T_1^{12}}{T_2^4} - \frac{T_1^{13}}{T_2^4} + \frac{7 T_1^{14}}{T_2^4} + \frac{4 T_1^{15}}{T_2^4} + \frac{3295}{T_2^3} + \\
 & \frac{2}{T_1^{20} T_2^3} + \frac{2}{T_1^{19} T_2^3} - \frac{17}{T_1^{18} T_2^3} + \frac{1}{T_1^{17} T_2^3} - \frac{21}{T_1^{16} T_2^3} - \frac{154}{T_1^{15} T_2^3} - \frac{27}{T_1^{14} T_2^3} + \frac{677}{T_1^{13} T_2^3} - \frac{1231}{T_1^{12} T_2^3} - \frac{272}{T_1^{11} T_2^3} + \frac{2246}{T_1^{10} T_2^3} + \frac{300}{T_1^9 T_2^3} - \\
 & \frac{3772}{T_1^8 T_2^3} + \frac{1585}{T_1^7 T_2^3} + \frac{6972}{T_1^6 T_2^3} - \frac{7803}{T_1^5 T_2^3} - \frac{730}{T_1^4 T_2^3} + \frac{8807}{T_1^3 T_2^3} - \frac{2501}{T_1^2 T_2^3} - \frac{4569}{T_1 T_2^3} + \frac{2951 T_1}{T_2^3} - \frac{3781 T_1^2}{T_2^3} + \frac{8 T_1^3}{T_2^3} - \frac{2225 T_1^4}{T_2^3} - \\
 & \frac{T_1^8 T_2^3}{T_2^3} + \frac{T_1^7 T_2^3}{T_2^3} + \frac{T_1^6 T_2^3}{T_2^3} - \frac{T_1^5 T_2^3}{T_2^3} - \frac{T_1^4 T_2^3}{T_2^3} + \frac{T_1^3 T_2^3}{T_2^3} - \frac{T_1^2 T_2^3}{T_2^3} - \frac{T_1 T_2^3}{T_2^3} + \frac{T_2^3}{T_2^3} - \frac{T_2^3}{T_2^3} + \frac{T_2^3}{T_2^3} - \frac{T_2^3}{T_2^3}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{268 T_1^5}{T_2^3} - \frac{994 T_1^6}{T_2^3} + \frac{187 T_1^7}{T_2^3} + \frac{78 T_1^8}{T_2^3} + \frac{123 T_1^9}{T_2^3} - \frac{57 T_1^{10}}{T_2^3} - \frac{69 T_1^{11}}{T_2^3} + \frac{16 T_1^{12}}{T_2^3} + \frac{14 T_1^{13}}{T_2^3} - \frac{3 T_1^{14}}{T_2^3} - \frac{3 T_1^{15}}{T_2^3} + \frac{2937}{T_2^2} - \\
 & \frac{3}{3} + \frac{3}{3} + \frac{5}{5} + \frac{18}{18} + \frac{25}{25} + \frac{220}{220} - \frac{400}{400} + \frac{146}{146} + \frac{1281}{1281} - \frac{1184}{1184} - \frac{1437}{1437} + \frac{930}{930} + \\
 & \frac{T_1^{19} T_2^2}{T_1^{18} T_2^2} - \frac{T_1^{17} T_2^2}{T_1^{16} T_2^2} + \frac{T_1^{16} T_2^2}{T_1^{15} T_2^2} - \frac{T_1^{14} T_2^2}{T_1^{13} T_2^2} + \frac{T_1^{12} T_2^2}{T_1^{11} T_2^2} - \frac{T_1^{10} T_2^2}{T_1^9 T_2^2} + \frac{T_1^8 T_2^2}{T_1^7 T_2^2} + \\
 & \frac{3275}{T_1^7 T_2^2} - \frac{5698}{T_1^6 T_2^2} - \frac{1312}{T_1^5 T_2^2} + \frac{6949}{T_1^4 T_2^2} - \frac{4359}{T_1^3 T_2^2} - \frac{5590}{T_1^2 T_2^2} + \frac{3585}{T_1 T_2^2} - \frac{5187 T_1}{T_2^2} - \frac{268 T_1^2}{T_2^2} + \frac{3300 T_1^3}{T_2^2} - \frac{1291 T_1^4}{T_2^2} - \frac{1792 T_1^5}{T_2^2} + \\
 & \frac{1043 T_1^6}{T_2^2} + \frac{648 T_1^7}{T_2^2} - \frac{340 T_1^8}{T_2^2} + \frac{7 T_1^9}{T_2^2} + \frac{91 T_1^{11}}{T_2^2} + \frac{14 T_1^{12}}{T_2^2} - \frac{20 T_1^{13}}{T_2^2} - \frac{9 T_1^{14}}{T_2^2} - \frac{3 T_1^{15}}{T_2^2} - \frac{3 T_1^{16}}{T_2^2} - \frac{5895}{T_2} + \frac{4}{T_1^{18} T_2} + \frac{4}{T_1^{17} T_2} - \\
 & \frac{39}{T_1^{16} T_2} - \frac{4}{T_1^{15} T_2} + \frac{44}{T_1^{14} T_2} - \frac{84}{T_1^{13} T_2} + \frac{343}{T_1^{12} T_2} - \frac{898}{T_1^{11} T_2} - \frac{56}{T_1^{10} T_2} + \frac{844}{T_1^9 T_2} + \frac{780}{T_1^8 T_2} - \frac{1428}{T_1^7 T_2} - \frac{1332}{T_1^6 T_2} + \frac{5388}{T_1^5 T_2} - \frac{2134}{T_1^4 T_2} - \\
 & \frac{4202}{T_1^3 T_2} + \frac{4973}{T_1^2 T_2} + \frac{4539}{T_1 T_2} - \frac{345 T_1}{T_2} + \frac{6355 T_1^2}{T_2} - \frac{3068 T_1^3}{T_2} - \frac{2108 T_1^4}{T_2} + \frac{2555 T_1^5}{T_2} + \frac{752 T_1^6}{T_2} - \frac{1569 T_1^7}{T_2} + \frac{152 T_1^8}{T_2} + \\
 & \frac{215 T_1^9}{T_2} - \frac{94 T_1^{10}}{T_2} - \frac{90 T_1^{11}}{T_2} - \frac{27 T_1^{12}}{T_2} + \frac{2 T_1^{13}}{T_2} + \frac{5 T_1^{14}}{T_2} + \frac{10 T_1^{15}}{T_2} + \frac{13 T_1^{16}}{T_2} + \frac{T_1^{17}}{T_2} + 8953 T_2 + \frac{7 T_2}{T_1^{17}} + \frac{6 T_2}{T_1^{16}} - \frac{123 T_2}{T_1^{15}} + \\
 & \frac{23 T_2}{T_1^{14}} + \frac{328 T_2}{T_1^{13}} - \frac{181 T_2}{T_1^{12}} + \frac{46 T_2}{T_1^{11}} - \frac{215 T_2}{T_1^{10}} + \frac{304 T_2}{T_1^9} - \frac{848 T_2}{T_1^8} + \frac{1121 T_2}{T_1^7} + \frac{872 T_2}{T_1^6} - \frac{3355 T_2}{T_1^5} + \frac{2675 T_2}{T_1^4} + \\
 & \frac{2331 T_2}{T_1^3} - \frac{5793 T_2}{T_1^2} - \frac{243 T_2}{T_1} - 6847 T_1 T_2 - 3272 T_1^2 T_2 + 8234 T_1^3 T_2 - 3165 T_1^4 T_2 - 3249 T_1^5 T_2 + 2770 T_1^6 T_2 + \\
 & 1249 T_1^7 T_2 - 2087 T_1^8 T_2 + 327 T_1^9 T_2 + 508 T_1^{10} T_2 - 227 T_1^{11} T_2 - 148 T_1^{12} T_2 + 112 T_1^{13} T_2 + 8 T_1^{14} T_2 - 32 T_1^{15} T_2 + \\
 & 14 T_1^{16} T_2 + 14 T_1^{17} T_2 + T_1^{18} T_2 - 6708 T_2^2 - \frac{T_2^2}{T_1^{17}} - \frac{13 T_2^2}{T_1^{16}} + \frac{42 T_2^2}{T_1^{15}} + \frac{131 T_2^2}{T_1^{14}} - \frac{277 T_2^2}{T_1^{13}} - \frac{60 T_2^2}{T_1^{12}} + \frac{223 T_2^2}{T_1^{11}} - \frac{26 T_2^2}{T_1^{10}} - \\
 & \frac{268 T_2^2}{T_1^9} + \frac{32 T_2^2}{T_1^8} + \frac{1113 T_2^2}{T_1^7} - \frac{2531 T_2^2}{T_1^6} + \frac{1383 T_2^2}{T_1^5} + \frac{2320 T_2^2}{T_1^4} - \frac{4412 T_2^2}{T_1^3} + \frac{507 T_2^2}{T_1^2} + \frac{7207 T_2^2}{T_1} - 3133 T_1 T_2^2 + \\
 & 10\,649 T_1^2 T_2^2 - 5466 T_1^3 T_2^2 - 3690 T_1^4 T_2^2 + 6204 T_1^5 T_2^2 - 728 T_1^6 T_2^2 - 3160 T_1^7 T_2^2 + 1601 T_1^8 T_2^2 + 1034 T_1^9 T_2^2 - \\
 & 1011 T_1^{10} T_2^2 - 46 T_1^{11} T_2^2 + 285 T_1^{12} T_2^2 - 16 T_1^{13} T_2^2 - 143 T_1^{14} T_2^2 + 39 T_1^{15} T_2^2 + T_1^{16} T_2^2 - 9 T_1^{17} T_2^2 - 3 T_1^{18} T_2^2 - 2149 T_2^3 + \\
 & \frac{3 T_2^3}{T_1^{16}} + \frac{3 T_2^3}{T_1^{15}} - \frac{71 T_2^3}{T_1^{14}} + \frac{27 T_2^3}{T_1^{13}} + \frac{275 T_2^3}{T_1^{12}} - \frac{287 T_2^3}{T_1^{11}} - \frac{77 T_2^3}{T_1^{10}} + \frac{197 T_2^3}{T_1^9} + \frac{459 T_2^3}{T_1^8} - \frac{979 T_2^3}{T_1^7} + \frac{299 T_2^3}{T_1^6} + \frac{1921 T_2^3}{T_1^5} - \\
 & \frac{3156 T_2^3}{T_1^4} + \frac{633 T_2^3}{T_1^3} + \frac{4201 T_2^3}{T_1^2} - \frac{5222 T_2^3}{T_1} + 9357 T_1 T_2^3 - 6758 T_1^2 T_2^3 - 4166 T_1^3 T_2^3 + 8816 T_1^4 T_2^3 - 3838 T_1^5 T_2^3 - \\
 & 3328 T_1^6 T_2^3 + 3606 T_1^7 T_2^3 + 468 T_1^8 T_2^3 - 2177 T_1^9 T_2^3 + 498 T_1^{10} T_2^3 + 683 T_1^{11} T_2^3 - 207 T_1^{12} T_2^3 - 244 T_1^{13} T_2^3 + 156 T_1^{14} T_2^3 + \\
 & 46 T_1^{15} T_2^3 - 12 T_1^{16} T_2^3 + T_1^{17} T_2^3 + 6301 T_2^4 + \frac{3 T_2^4}{T_1^{15}} + \frac{3 T_2^4}{T_1^{14}} + \frac{37 T_2^4}{T_1^{13}} - \frac{181 T_2^4}{T_1^{12}} - \frac{3 T_2^4}{T_1^{11}} + \frac{399 T_2^4}{T_1^{10}} - \frac{198 T_2^4}{T_1^9} - \frac{324 T_2^4}{T_1^8} + \\
 & \gg \frac{17 T_2^4}{T_1^7} + \frac{1021 T_2^4}{T_1^6} - \frac{1428 T_2^4}{T_1^5} + \frac{27 T_2^4}{T_1^4} + \frac{2244 T_2^4}{T_1^3} - \frac{2347 T_2^4}{T_1^2} - \frac{1387 T_2^4}{T_1} - 5098 T_1 T_2^4 - 3322 T_1^2 T_2^4 + 9660 T_1^3 T_2^4 - \\
 & 5601 T_1^4 T_2^4 - 3321 T_1^5 T_2^4 + 6163 T_1^6 T_2^4 - 1407 T_1^7 T_2^4 - 2926 T_1^8 T_2^4 + 1783 T_1^9 T_2^4 + 850 T_1^{10} T_2^4 - 955 T_1^{11} T_2^4 - \\
 & 271 T_1^{12} T_2^4 + 349 T_1^{13} T_2^4 + 130 T_1^{14} T_2^4 - 143 T_1^{15} T_2^4 + T_1^{17} T_2^4 + 4 T_1^{18} T_2^4 + 3 T_1^{19} T_2^4 - 2402 T_2^5 - \frac{4 T_2^5}{T_1^{15}} - \frac{7 T_2^5}{T_1^{14}} + \frac{T_2^5}{T_1^{13}} + \\
 & \frac{32 T_2^5}{T_1^{12}} + \frac{194 T_2^5}{T_1^{11}} - \frac{331 T_2^5}{T_1^{10}} - \frac{122 T_2^5}{T_1^9} + \frac{286 T_2^5}{T_1^8} + \frac{292 T_2^5}{T_1^7} - \frac{550 T_2^5}{T_1^6} - \frac{435 T_2^5}{T_1^5} + \frac{1534 T_2^5}{T_1^4} - \frac{959 T_2^5}{T_1^3} - \frac{1460 T_2^5}{T_1^2} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{3203 T_2^5}{T_1} - 2486 T_1 T_2^5 + 7408 T_1^2 T_2^5 - 5246 T_1^3 T_2^5 - 2966 T_1^4 T_2^5 + 8237 T_1^5 T_2^5 - 3752 T_1^6 T_2^5 - 2982 T_1^7 T_2^5 + 3836 T_1^8 T_2^5 + \\
 & 210 T_1^9 T_2^5 - 1743 T_1^{10} T_2^5 + 255 T_1^{11} T_2^5 + 837 T_1^{12} T_2^5 - 35 T_1^{13} T_2^5 - 449 T_1^{14} T_2^5 + 46 T_1^{15} T_2^5 + 50 T_1^{16} T_2^5 - 9 T_1^{17} T_2^5 + \\
 & 2 T_1^{18} T_2^5 - 9 T_1^{19} T_2^5 - T_1^{20} T_2^5 - 1973 T_2^6 + \frac{T_2^6}{T_1^{15}} + \frac{9 T_2^6}{T_1^{14}} - \frac{T_2^6}{T_1^{13}} - \frac{5 T_2^6}{T_1^{12}} - \frac{88 T_2^6}{T_1^{11}} - \frac{22 T_2^6}{T_1^{10}} + \frac{352 T_2^6}{T_1^9} - \frac{143 T_2^6}{T_1^8} - \frac{307 T_2^6}{T_1^7} + \\
 & \frac{6 T_2^6}{T_1^6} + \frac{712 T_2^6}{T_1^5} - \frac{353 T_2^6}{T_1^4} - \frac{1079 T_2^6}{T_1^3} + \frac{1756 T_2^6}{T_1^2} - \frac{47 T_2^6}{T_1} + 4046 T_1 T_2^6 - 2886 T_1^2 T_2^6 - 2376 T_1^3 T_2^6 + 7108 T_1^4 T_2^6 - \\
 & 4881 T_1^5 T_2^6 - 2815 T_1^6 T_2^6 + 5545 T_1^7 T_2^6 - 1445 T_1^8 T_2^6 - 2491 T_1^9 T_2^6 + 1242 T_1^{10} T_2^6 + 791 T_1^{11} T_2^6 - 690 T_1^{12} T_2^6 - \\
 & 536 T_1^{13} T_2^6 + 356 T_1^{14} T_2^6 + 235 T_1^{15} T_2^6 - 75 T_1^{16} T_2^6 + 16 T_1^{17} T_2^6 - 11 T_1^{18} T_2^6 + 9 T_1^{19} T_2^6 + 4 T_1^{20} T_2^6 + 1411 T_2^7 - \frac{3 T_2^7}{T_1^{14}} - \\
 & \frac{7 T_2^7}{T_1^{13}} + \frac{15 T_2^7}{T_1^{12}} + \frac{5 T_2^7}{T_1^{11}} + \frac{70 T_2^7}{T_1^{10}} - \frac{134 T_2^7}{T_1^9} - \frac{137 T_2^7}{T_1^8} + \frac{312 T_2^7}{T_1^7} + \frac{37 T_2^7}{T_1^6} - \frac{153 T_2^7}{T_1^5} - \frac{446 T_2^7}{T_1^4} + \frac{735 T_2^7}{T_1^3} + \frac{340 T_2^7}{T_1^2} - \\
 & \frac{1981 T_2^7}{T_1} - 110 T_1 T_2^7 - 2542 T_1^2 T_2^7 + 4392 T_1^3 T_2^7 - 3178 T_1^4 T_2^7 - 2408 T_1^5 T_2^7 + 5952 T_1^6 T_2^7 - 2702 T_1^7 T_2^7 - 2417 T_1^8 T_2^7 + \\
 & 2704 T_1^9 T_2^7 + 378 T_1^{10} T_2^7 - 1128 T_1^{11} T_2^7 - 58 T_1^{12} T_2^7 + 592 T_1^{13} T_2^7 + 196 T_1^{14} T_2^7 - 382 T_1^{15} T_2^7 - 2 T_1^{16} T_2^7 - 4 T_1^{17} T_2^7 + \\
 & 9 T_1^{18} T_2^7 + 3 T_1^{19} T_2^7 - 7 T_1^{20} T_2^7 + 1030 T_2^8 + \frac{4 T_2^8}{T_1^{13}} - \frac{4 T_2^8}{T_1^{12}} - \frac{19 T_2^8}{T_1^{11}} + \frac{5 T_2^8}{T_1^{10}} - \frac{10 T_2^8}{T_1^9} + \frac{159 T_2^8}{T_1^8} - \frac{168 T_2^8}{T_1^7} - \frac{82 T_2^8}{T_1^6} + \\
 & \frac{40 T_2^8}{T_1^5} + \frac{202 T_2^8}{T_1^4} + \frac{93 T_2^8}{T_1^3} - \frac{895 T_2^8}{T_1^2} + \frac{826 T_2^8}{T_1} - 2306 T_1 T_2^8 + 2455 T_1^2 T_2^8 - 683 T_1^3 T_2^8 - 2202 T_1^4 T_2^8 + 4616 T_1^5 T_2^8 - \\
 & 2374 T_1^6 T_2^8 - 2089 T_1^7 T_2^8 + 3425 T_1^8 T_2^8 - 557 T_1^9 T_2^8 - 1518 T_1^{10} T_2^8 + 521 T_1^{11} T_2^8 + 541 T_1^{12} T_2^8 - 50 T_1^{13} T_2^8 - 526 T_1^{14} T_2^8 + \\
 & 150 T_1^{15} T_2^8 + 134 T_1^{16} T_2^8 - 21 T_1^{17} T_2^8 + 3 T_1^{18} T_2^8 - 18 T_1^{19} T_2^8 + 6 T_1^{20} T_2^8 - 1320 T_2^9 - \frac{2 T_2^9}{T_1^{12}} + \frac{14 T_2^9}{T_1^{11}} + \frac{3 T_2^9}{T_1^{10}} - \frac{9 T_2^9}{T_1^9} - \\
 & \frac{39 T_2^9}{T_1^8} - \frac{41 T_2^9}{T_1^7} + \frac{190 T_2^9}{T_1^6} - \frac{64 T_2^9}{T_1^5} - \frac{115 T_2^9}{T_1^4} - \frac{70 T_2^9}{T_1^3} + \frac{277 T_2^9}{T_1^2} + \frac{340 T_2^9}{T_1} + 1094 T_1 T_2^9 + 527 T_1^2 T_2^9 - 2118 T_1^3 T_2^9 + \\
 & 2591 T_1^4 T_2^9 - 1035 T_1^5 T_2^9 - 2081 T_1^6 T_2^9 + 3040 T_1^7 T_2^9 - 942 T_1^8 T_2^9 - 1436 T_1^9 T_2^9 + 1181 T_1^{10} T_2^9 + 278 T_1^{11} T_2^9 - 439 T_1^{12} T_2^9 - \\
 & 336 T_1^{13} T_2^9 + 252 T_1^{14} T_2^9 + 208 T_1^{15} T_2^9 - 182 T_1^{16} T_2^9 + 30 T_1^{17} T_2^9 - 6 T_1^{18} T_2^9 + 18 T_1^{19} T_2^9 + 317 T_2^{10} - \frac{2 T_2^{10}}{T_1^{11}} - \frac{10 T_2^{10}}{T_1^{10}} + \\
 & \frac{14 T_2^{10}}{T_1^9} + \frac{2 T_2^{10}}{T_1^8} + \frac{44 T_2^{10}}{T_1^7} - \frac{52 T_2^{10}}{T_1^6} - \frac{95 T_2^{10}}{T_1^5} + \frac{168 T_2^{10}}{T_1^4} - \frac{12 T_2^{10}}{T_1^3} - \frac{19 T_2^{10}}{T_1^2} - \frac{328 T_2^{10}}{T_1} + 498 T_1 T_2^{10} - 1547 T_1^2 T_2^{10} + \\
 & 1128 T_1^3 T_2^{10} + 195 T_1^4 T_2^{10} - 1758 T_1^5 T_2^{10} + 1975 T_1^6 T_2^{10} - 351 T_1^7 T_2^{10} - 1312 T_1^8 T_2^{10} + 1305 T_1^9 T_2^{10} - 106 T_1^{10} T_2^{10} - \\
 & 484 T_1^{11} T_2^{10} + 85 T_1^{12} T_2^{10} + 245 T_1^{13} T_2^{10} + 143 T_1^{14} T_2^{10} - 277 T_1^{15} T_2^{10} + 83 T_1^{16} T_2^{10} - 3 T_1^{17} T_2^{10} - 9 T_1^{18} T_2^{10} - 6 T_1^{20} T_2^{10} + \\
 & 187 T_2^{11} + \frac{4 T_2^{11}}{T_1^{10}} - \frac{4 T_2^{11}}{T_1^9} - \frac{15 T_2^{11}}{T_1^8} + \frac{9 T_2^{11}}{T_1^7} - \frac{19 T_2^{11}}{T_1^6} + \frac{77 T_2^{11}}{T_1^5} - \frac{43 T_2^{11}}{T_1^4} - \frac{55 T_2^{11}}{T_1^3} + \frac{36 T_2^{11}}{T_1^2} + \frac{40 T_2^{11}}{T_1} - 548 T_1 T_2^{11} + \\
 & 417 T_1^2 T_2^{11} + 602 T_1^3 T_2^{11} - 1203 T_1^4 T_2^{11} + 795 T_1^5 T_2^{11} + 344 T_1^6 T_2^{11} - 1162 T_1^7 T_2^{11} + 877 T_1^8 T_2^{11} - 26 T_1^9 T_2^{11} - \\
 & 404 T_1^{10} T_2^{11} + 234 T_1^{11} T_2^{11} - 23 T_1^{12} T_2^{11} + 59 T_1^{13} T_2^{11} - 194 T_1^{14} T_2^{11} + 72 T_1^{15} T_2^{11} + 49 T_1^{16} T_2^{11} - 26 T_1^{17} T_2^{11} + 24 T_1^{18} T_2^{11} - \\
 & 18 T_1^{19} T_2^{11} + 6 T_1^{20} T_2^{11} - 72 T_2^{12} - \frac{2 T_2^{12}}{T_1^9} + \frac{14 T_2^{12}}{T_1^8} - \frac{T_2^{12}}{T_1^7} - \frac{11 T_2^{12}}{T_1^6} - \frac{11 T_2^{12}}{T_1^5} - \frac{35 T_2^{12}}{T_1^4} + \frac{50 T_2^{12}}{T_1^3} - \frac{27 T_2^{12}}{T_1^2} + \frac{36 T_2^{12}}{T_1} + \\
 & 7 T_1 T_2^{12} + 338 T_1^2 T_2^{12} - 552 T_1^3 T_2^{12} + 132 T_1^4 T_2^{12} + 714 T_1^5 T_2^{12} - 767 T_1^6 T_2^{12} + 303 T_1^7 T_2^{12} + 323 T_1^8 T_2^{12} - 394 T_1^9 T_2^{12} + \\
 & 175 T_1^{10} T_2^{12} - 82 T_1^{11} T_2^{12} + 156 T_1^{12} T_2^{12} - 86 T_1^{13} T_2^{12} - 40 T_1^{14} T_2^{12} + 87 T_1^{15} T_2^{12} - 76 T_1^{16} T_2^{12} + 18 T_1^{17} T_2^{12} - 21 T_1^{18} T_2^{12} + \\
 & 18 T_1^{19} T_2^{12} - 99 T_2^{13} - \frac{2 T_2^{13}}{T_1^8} - \frac{10 T_2^{13}}{T_1^7} + \frac{12 T_2^{13}}{T_1^6} + \frac{8 T_2^{13}}{T_1^5} + \frac{18 T_2^{13}}{T_1^4} + \frac{16 T_2^{13}}{T_1^3} - \frac{18 T_2^{13}}{T_1^2} + \frac{11 T_2^{13}}{T_1} + 161 T_1 T_2^{13} - \\
 & 140 T_1^2 T_2^{13} - 177 T_1^3 T_2^{13} + 443 T_1^4 T_2^{13} - 429 T_1^5 T_2^{13} - 275 T_1^6 T_2^{13} + 375 T_1^7 T_2^{13} - 216 T_1^8 T_2^{13} - 113 T_1^9 T_2^{13} + 47 T_1^{10} T_2^{13} +
 \end{aligned}$$

$$\begin{aligned}
 & 129 T_1^{11} T_2^{13} - 113 T_1^{12} T_2^{13} - 118 T_1^{13} T_2^{13} + 153 T_1^{14} T_2^{13} - 42 T_1^{15} T_2^{13} + 20 T_1^{16} T_2^{13} + 7 T_1^{17} T_2^{13} + 6 T_1^{18} T_2^{13} - 3 T_1^{19} T_2^{13} - \\
 & 6 T_1^{20} T_2^{13} + 84 T_2^{14} + \frac{4 T_2^{14}}{T_1^7} - \frac{10 T_2^{14}}{T_1^5} - \frac{2 T_2^{14}}{T_1^4} - \frac{19 T_2^{14}}{T_1^3} - \frac{8 T_2^{14}}{T_1^2} - \frac{5 T_2^{14}}{T_1} - 20 T_1 T_2^{14} - 147 T_1^2 T_2^{14} + 253 T_1^3 T_2^{14} + \\
 & 34 T_1^4 T_2^{14} - 380 T_1^5 T_2^{14} + 512 T_1^6 T_2^{14} + 116 T_1^7 T_2^{14} - 360 T_1^8 T_2^{14} + 228 T_1^9 T_2^{14} + 126 T_1^{10} T_2^{14} - 127 T_1^{11} T_2^{14} - 81 T_1^{12} T_2^{14} + \\
 & 190 T_1^{13} T_2^{14} - 38 T_1^{14} T_2^{14} - 61 T_1^{15} T_2^{14} + 20 T_1^{16} T_2^{14} - 15 T_1^{17} T_2^{14} + 4 T_1^{18} T_2^{14} - 9 T_1^{19} T_2^{14} + 7 T_1^{20} T_2^{14} - 24 T_2^{15} - \\
 & \frac{3 T_2^{15}}{T_1^6} + \frac{5 T_2^{15}}{T_1^5} + \frac{2 T_2^{15}}{T_1^4} + \frac{2 T_2^{15}}{T_1^3} + \frac{8 T_2^{15}}{T_1^2} + \frac{13 T_2^{15}}{T_1} - 64 T_1 T_2^{15} + 118 T_1^2 T_2^{15} + 8 T_1^3 T_2^{15} - 265 T_1^4 T_2^{15} + 230 T_1^5 T_2^{15} + \\
 & 109 T_1^6 T_2^{15} - 469 T_1^7 T_2^{15} + 207 T_1^8 T_2^{15} + 163 T_1^9 T_2^{15} - 257 T_1^{10} T_2^{15} + 9 T_1^{11} T_2^{15} + 136 T_1^{12} T_2^{15} - 59 T_1^{13} T_2^{15} - 82 T_1^{14} T_2^{15} + \\
 & 76 T_1^{15} T_2^{15} - 10 T_1^{16} T_2^{15} + T_1^{17} T_2^{15} - 3 T_1^{18} T_2^{15} + 9 T_1^{19} T_2^{15} - 4 T_1^{20} T_2^{15} - 15 T_2^{16} + \frac{T_2^{16}}{T_1^5} - \frac{3 T_2^{16}}{T_1^4} + \frac{3 T_2^{16}}{T_1} + 31 T_1 T_2^{16} - \\
 & 7 T_1^2 T_2^{16} - 65 T_1^3 T_2^{16} + 78 T_1^4 T_2^{16} + 82 T_1^5 T_2^{16} - 228 T_1^6 T_2^{16} + 152 T_1^7 T_2^{16} + 136 T_1^8 T_2^{16} - 254 T_1^9 T_2^{16} + 106 T_1^{10} T_2^{16} + \\
 & 83 T_1^{11} T_2^{16} - 80 T_1^{12} T_2^{16} - 18 T_1^{13} T_2^{16} + 63 T_1^{14} T_2^{16} - 23 T_1^{15} T_2^{16} - 21 T_1^{16} T_2^{16} + 17 T_1^{17} T_2^{16} - 2 T_1^{18} T_2^{16} - 3 T_1^{19} T_2^{16} + \\
 & T_1^{20} T_2^{16} + 5 T_2^{17} + \frac{3 T_2^{17}}{T_1} - \frac{9 T_2^{17}}{T_1} + 5 T_1 T_2^{17} - 5 T_1^2 T_2^{17} + 8 T_1^3 T_2^{17} + 9 T_1^4 T_2^{17} - 50 T_1^5 T_2^{17} + 41 T_1^6 T_2^{17} + 39 T_1^7 T_2^{17} - \\
 & 116 T_1^8 T_2^{17} + 96 T_1^9 T_2^{17} + 10 T_1^{10} T_2^{17} - 65 T_1^{11} T_2^{17} + 29 T_1^{12} T_2^{17} + 16 T_1^{13} T_2^{17} - 19 T_1^{14} T_2^{17} - 8 T_1^{15} T_2^{17} + 30 T_1^{16} T_2^{17} - \\
 & 16 T_1^{17} T_2^{17} + T_1^{18} T_2^{17} + 6 T_2^{18} - \frac{T_2^{18}}{T_1} - 7 T_1 T_2^{18} - T_1^2 T_2^{18} - 2 T_1^3 T_2^{18} + T_1^4 T_2^{18} + 12 T_1^5 T_2^{18} - 15 T_1^6 T_2^{18} - 2 T_1^7 T_2^{18} + \\
 & 22 T_1^8 T_2^{18} - 14 T_1^9 T_2^{18} - 20 T_1^{10} T_2^{18} + 30 T_1^{11} T_2^{18} - 9 T_1^{12} T_2^{18} - 10 T_1^{13} T_2^{18} + 9 T_1^{14} T_2^{18} + 5 T_1^{15} T_2^{18} - 14 T_1^{16} T_2^{18} + \\
 & 3 T_1^{17} T_2^{18} + 2 T_1^{18} T_2^{18} - T_1 T_2^{19} + 2 T_1^2 T_2^{19} + 2 T_1^3 T_2^{19} + T_1^4 T_2^{19} - 10 T_1^5 T_2^{19} + 10 T_1^6 T_2^{19} + 4 T_1^7 T_2^{19} - 17 T_1^8 T_2^{19} + 7 T_1^9 T_2^{19} + \\
 & 16 T_1^{10} T_2^{19} - 26 T_1^{11} T_2^{19} + 13 T_1^{12} T_2^{19} + 4 T_1^{13} T_2^{19} - 9 T_1^{14} T_2^{19} + 3 T_1^{15} T_2^{19} + 2 T_1^{16} T_2^{19} + T_1^{17} T_2^{19} - T_1^{18} T_2^{19} - 3 T_1^{19} T_2^{19} + \\
 & 5 T_1^{20} T_2^{19} - 10 T_1^{21} T_2^{19} + 14 T_1^{22} T_2^{19} - 4 T_1^{23} T_2^{19} - 10 T_1^{24} T_2^{19} + 14 T_1^{25} T_2^{19} - 4 T_1^{26} T_2^{19} - 7 T_1^{27} T_2^{19} + 9 T_1^{28} T_2^{19} - 4 T_1^{29} T_2^{19} + \\
 & T_1^{30} T_2^{19} - 3 T_1^{31} T_2^{19} + 4 T_1^{32} T_2^{19} - 2 T_1^{33} T_2^{19} - 2 T_1^{34} T_2^{19} + 4 T_1^{35} T_2^{19} - 2 T_1^{36} T_2^{19} - 2 T_1^{37} T_2^{19} + 4 T_1^{38} T_2^{19} - 3 T_1^{39} T_2^{19} + T_1^{40} T_2^{19} \\
 \gg & -1624 - \frac{1}{T_1^{18}} - \frac{16}{T_1^{17}} - \frac{10}{T_1^{16}} + \frac{54}{T_1^{15}} - \frac{34}{T_1^{14}} - \frac{82}{T_1^{13}} + \frac{114}{T_1^{12}} + \frac{52}{T_1^{11}} + \frac{2}{T_1^{10}} - \frac{644}{T_1^9} + \frac{1379}{T_1^8} - \frac{816}{T_1^7} - \frac{802}{T_1^6} + \frac{1430}{T_1^5} - \frac{333}{T_1^4} - \frac{1189}{T_1^3} + \\
 & \frac{1382}{T_1^2} + 1601 T_1 - 144 T_1^2 - 1187 T_1^3 + 944 T_1^4 + 548 T_1^5 - 1506 T_1^6 + 813 T_1^7 + 308 T_1^8 - 502 T_1^9 + 166 T_1^{10} + 25 T_1^{11} + \\
 & 79 T_1^{12} - 136 T_1^{13} + 52 T_1^{14} + 21 T_1^{15} - 21 T_1^{16} - 7 T_1^{17} - \frac{1}{T_1^{15} T_2^{20}} + \frac{3}{T_1^{14} T_2^{20}} - \frac{4}{T_1^{13} T_2^{20}} + \frac{2}{T_1^{12} T_2^{20}} + \frac{2}{T_1^{11} T_2^{20}} - \frac{4}{T_1^{10} T_2^{20}} + \\
 & \frac{2}{T_1^9 T_2^{20}} + \frac{2}{T_1^8 T_2^{20}} - \frac{4}{T_1^7 T_2^{20}} + \frac{3}{T_1^6 T_2^{20}} - \frac{1}{T_1^5 T_2^{20}} + \frac{4}{T_1^{15} T_2^{19}} - \frac{9}{T_1^{14} T_2^{19}} + \frac{7}{T_1^{13} T_2^{19}} + \frac{4}{T_1^{12} T_2^{19}} - \frac{14}{T_1^{11} T_2^{19}} + \frac{10}{T_1^{10} T_2^{19}} + \frac{4}{T_1^9 T_2^{19}} - \\
 & \frac{14}{T_1^8 T_2^{19}} + \frac{10}{T_1^7 T_2^{19}} - \frac{5}{T_1^6 T_2^{19}} + \frac{3}{T_1^5 T_2^{19}} + \frac{1}{T_1^{17} T_2^{18}} - \frac{3}{T_1^{16} T_2^{18}} - \frac{3}{T_1^{15} T_2^{18}} + \frac{7}{T_1^{14} T_2^{18}} + \frac{1}{T_1^{13} T_2^{18}} - \frac{15}{T_1^{12} T_2^{18}} + \frac{19}{T_1^{11} T_2^{18}} - \\
 & \frac{3}{T_1^{10} T_2^{18}} - \frac{14}{T_1^9 T_2^{18}} + \frac{15}{T_1^8 T_2^{18}} + \frac{1}{T_1^7 T_2^{18}} - \frac{1}{T_1^6 T_2^{18}} + \frac{1}{T_1^5 T_2^{18}} - \frac{5}{T_1^4 T_2^{18}} - \frac{5}{T_1^3 T_2^{18}} + \frac{9}{T_1^2 T_2^{18}} + \frac{2}{T_1 T_2^{18}} - \frac{9}{T_1^{18} T_2^{17}} - \frac{11}{T_1^{17} T_2^{17}} + \\
 & \frac{16}{T_1^{16} T_2^{17}} - \frac{15}{T_1^{15} T_2^{17}} - \frac{14}{T_1^{14} T_2^{17}} - \frac{13}{T_1^{13} T_2^{17}} + \frac{12}{T_1^{12} T_2^{17}} - \frac{11}{T_1^{11} T_2^{17}} - \frac{10}{T_1^{10} T_2^{17}} + \frac{9}{T_1^9 T_2^{17}} - \frac{8}{T_1^8 T_2^{17}} - \frac{7}{T_1^7 T_2^{17}} + \frac{6}{T_1^6 T_2^{17}} - \\
 & \frac{5}{T_1^5 T_2^{17}} + \frac{32}{T_1^4 T_2^{17}} - \frac{13}{T_1^3 T_2^{17}} + \frac{39}{T_1^2 T_2^{17}} + \frac{68}{T_1 T_2^{17}} - \frac{16}{T_1^{18} T_2^{16}} + \frac{17}{T_1^{17} T_2^{16}} - \frac{16}{T_1^{16} T_2^{16}} + \frac{21}{T_1^{15} T_2^{16}} + \frac{2}{T_1^{14} T_2^{16}} + \frac{13}{T_1^{13} T_2^{16}} - \\
 & \frac{5}{T_1^{12} T_2^{16}} + \frac{32}{T_1^{11} T_2^{16}} - \frac{13}{T_1^{10} T_2^{16}} - \frac{39}{T_1^9 T_2^{16}} + \frac{68}{T_1^8 T_2^{16}} - \frac{16}{T_1^7 T_2^{16}} - \frac{17}{T_1^6 T_2^{16}} + \frac{38}{T_1^5 T_2^{16}} - \frac{12}{T_1^4 T_2^{16}} - \frac{8}{T_1^3 T_2^{16}} + \frac{14}{T_1^2 T_2^{16}} - \frac{11}{T_1 T_2^{16}} + \\
 & 9 T_1 - \frac{3 T_1^2}{T_2^{16}} + \frac{31}{T_2^{15}} - \frac{1}{T_1^{20} T_2^{15}} + \frac{3}{T_1^{19} T_2^{15}} + \frac{3}{T_1^{18} T_2^{15}} - \frac{13}{T_1^{17} T_2^{15}} + \frac{10}{T_1^{16} T_2^{15}} + \frac{21}{T_1^{15} T_2^{15}} - \frac{45}{T_1^{14} T_2^{15}} + \frac{17}{T_1^{13} T_2^{15}} + \frac{52}{T_1^{12} T_2^{15}} -
 \end{aligned}$$

$$\begin{aligned}
 & \frac{80}{T_1^{11} T_2^{15}} - \frac{37}{T_1^{10} T_2^{15}} + \frac{167}{T_1^9 T_2^{15}} - \frac{148}{T_1^8 T_2^{15}} - \frac{41}{T_1^7 T_2^{15}} + \frac{144}{T_1^6 T_2^{15}} - \frac{86}{T_1^5 T_2^{15}} - \frac{37}{T_1^4 T_2^{15}} + \frac{53}{T_1^3 T_2^{15}} - \frac{4}{T_1^2 T_2^{15}} - \frac{33}{T_1 T_2^{15}} - \frac{11 T_1}{T_2^{15}} + \\
 & \frac{3 T_1^4}{T_2^{15}} - \frac{T_1^5}{T_2^{15}} - \frac{2}{T_2^{14}} + \frac{4}{T_1^{20} T_2^{14}} - \frac{9}{T_1^{19} T_2^{14}} + \frac{1}{T_1^{18} T_2^{14}} + \frac{1}{T_1^{17} T_2^{14}} + \frac{12}{T_1^{16} T_2^{14}} - \frac{54}{T_1^{15} T_2^{14}} + \frac{52}{T_1^{14} T_2^{14}} + \frac{45}{T_1^{13} T_2^{14}} - \frac{108}{T_1^{12} T_2^{14}} + \\
 & \frac{21}{T_1^{11} T_2^{14}} + \frac{193}{T_1^{10} T_2^{14}} - \frac{213}{T_1^9 T_2^{14}} - \frac{13}{T_1^8 T_2^{14}} + \frac{317}{T_1^7 T_2^{14}} - \frac{221}{T_1^6 T_2^{14}} - \frac{32}{T_1^5 T_2^{14}} + \frac{187}{T_1^4 T_2^{14}} - \frac{68}{T_1^3 T_2^{14}} - \frac{72}{T_1^2 T_2^{14}} + \frac{86}{T_1 T_2^{14}} - \frac{33 T_1}{T_2^{14}} + \\
 & \frac{14 T_1^2}{T_2^{14}} - \frac{2 T_1^3}{T_2^{14}} - \frac{2 T_1^4}{T_2^{14}} - \frac{5 T_1^5}{T_2^{14}} + \frac{3 T_1^6}{T_2^{14}} - \frac{102}{T_2^{14}} - \frac{7}{T_2^{13}} + \frac{9}{T_1^{20} T_2^{13}} + \frac{3}{T_1^{19} T_2^{13}} + \frac{3}{T_1^{18} T_2^{13}} + \frac{5}{T_1^{17} T_2^{13}} - \frac{21}{T_1^{16} T_2^{13}} + \frac{41}{T_1^{15} T_2^{13}} + \frac{34}{T_1^{14} T_2^{13}} - \\
 & \frac{136}{T_1^{13} T_2^{13}} + \frac{63}{T_1^{12} T_2^{13}} + \frac{109}{T_1^{11} T_2^{13}} - \frac{201}{T_1^{10} T_2^{13}} - \frac{3}{T_1^9 T_2^{13}} + \frac{237}{T_1^8 T_2^{13}} - \frac{347}{T_1^7 T_2^{13}} - \frac{17}{T_1^6 T_2^{13}} + \frac{229}{T_1^5 T_2^{13}} - \frac{228}{T_1^4 T_2^{13}} - \frac{35}{T_1^3 T_2^{13}} + \frac{149}{T_1^2 T_2^{13}} - \\
 & \frac{54}{T_1 T_2^{13}} + \frac{86 T_1}{T_2^{13}} - \frac{4 T_1^2}{T_2^{13}} - \frac{8 T_1^3}{T_2^{13}} + \frac{2 T_1^4}{T_2^{13}} + \frac{10 T_1^5}{T_2^{13}} - \frac{4 T_1^7}{T_2^{13}} + \frac{161}{T_2^{12}} + \frac{6}{T_1^{20} T_2^{12}} + \frac{3}{T_1^{19} T_2^{12}} - \frac{13}{T_1^{18} T_2^{12}} - \frac{7}{T_1^{17} T_2^{12}} + \frac{1}{T_1^{16} T_2^{12}} + \\
 & \frac{36}{T_1 T_2^{12}} - \frac{117}{T_2^{12}} + \frac{82}{T_2^{12}} - \frac{79}{T_2^{12}} - \frac{121}{T_2^{12}} + \frac{44}{T_2^{12}} + \frac{94}{T_2^{12}} - \frac{101}{T_2^{12}} + \frac{122}{T_2^{12}} - \frac{108}{T_2^{12}} - \frac{132}{T_2^{12}} + \frac{131}{T_2^{12}} + \\
 & \frac{15}{T_1^{15} T_2^{12}} - \frac{100}{T_1^{14} T_2^{12}} + \frac{35}{T_1^{13} T_2^{12}} + \frac{54 T_1}{T_1^{12} T_2^{12}} - \frac{72 T_1^2}{T_1^{11} T_2^{12}} + \frac{53 T_1^3}{T_1^{10} T_2^{12}} - \frac{12 T_1^4}{T_1^9 T_2^{12}} + \frac{8 T_1^5}{T_1^8 T_2^{12}} - \frac{12 T_1^6}{T_1^7 T_2^{12}} + \frac{10 T_1^7}{T_1^6 T_2^{12}} + \frac{2 T_1^8}{T_1^5 T_2^{12}} - \frac{89}{T_1^4 T_2^{12}} + \frac{18}{T_1^3 T_2^{12}} - \\
 & \frac{16}{T_1^2 T_2^{12}} - \frac{6}{T_1 T_2^{12}} - \frac{43}{T_2^{12}} + \frac{89}{T_2^{12}} - \frac{40}{T_2^{12}} + \frac{86}{T_2^{12}} - \frac{114}{T_2^{12}} + \frac{25}{T_2^{12}} + \frac{48}{T_2^{12}} - \frac{120}{T_2^{12}} - \frac{22}{T_1^{19} T_2^{11}} + \\
 & \frac{214}{T_1^{18} T_2^{11}} + \frac{123}{T_1^{17} T_2^{11}} + \frac{109}{T_1^{16} T_2^{11}} - \frac{245}{T_1^{15} T_2^{11}} + \frac{15}{T_1^{14} T_2^{11}} + \frac{143}{T_1^{13} T_2^{11}} - \frac{27}{T_1^{12} T_2^{11}} + \frac{35 T_1}{T_1^{11} T_2^{11}} + \frac{149 T_1^2}{T_1^{10} T_2^{11}} - \frac{68 T_1^3}{T_1^9 T_2^{11}} + \frac{37 T_1^4}{T_1^8 T_2^{11}} - \frac{38 T_1^5}{T_1^7 T_2^{11}} - \frac{11 T_1^6}{T_1^6 T_2^{11}} + \\
 & \frac{7}{T_1^7 T_2^{11}} + \frac{6}{T_1^6 T_2^{11}} + \frac{5}{T_1^5 T_2^{11}} - \frac{4}{T_1^4 T_2^{11}} + \frac{3}{T_1^3 T_2^{11}} + \frac{2}{T_1^2 T_2^{11}} - \frac{1}{T_1 T_2^{11}} - \frac{1}{T_2^{11}} + \frac{1}{T_2^{11}} - \frac{1}{T_2^{11}} + \frac{1}{T_2^{11}} + \frac{1}{T_2^{11}} + \\
 & \gg \frac{7}{T_2^{11}} - \frac{14 T_1^8}{T_2^{11}} + \frac{2 T_1^9}{T_2^{11}} + \frac{114}{T_2^{10}} - \frac{6}{T_1^{20} T_2^{10}} + \frac{18}{T_1^{19} T_2^{10}} - \frac{4}{T_1^{18} T_2^{10}} - \frac{4}{T_1^{17} T_2^{10}} + \frac{49}{T_1^{16} T_2^{10}} - \frac{6}{T_1^{15} T_2^{10}} + \frac{166}{T_1^{14} T_2^{10}} - \frac{144}{T_1^{13} T_2^{10}} + \\
 & \frac{21}{T_2^{10}} - \frac{52}{T_2^{10}} + \frac{166}{T_2^{10}} - \frac{27}{T_1^{20} T_2^{10}} + \frac{422}{T_1^{19} T_2^{10}} - \frac{464}{T_1^{18} T_2^{10}} + \frac{24}{T_1^{17} T_2^{10}} - \frac{562}{T_1^{16} T_2^{10}} + \frac{347}{T_1^{15} T_2^{10}} + \frac{241}{T_1^{14} T_2^{10}} - \frac{527}{T_1^{13} T_2^{10}} + \frac{164}{T_1^{12} T_2^{10}} - \\
 & \frac{11}{T_1^{11} T_2^{10}} + \frac{100 T_1^2}{T_1^{10} T_2^{10}} - \frac{35 T_1^3}{T_1^9 T_2^{10}} - \frac{187 T_1^4}{T_1^8 T_2^{10}} + \frac{86 T_1^5}{T_1^7 T_2^{10}} - \frac{17 T_1^6}{T_1^6 T_2^{10}} - \frac{9 T_1^7}{T_1^5 T_2^{10}} + \frac{15 T_1^8}{T_1^4 T_2^{10}} + \frac{4 T_1^9}{T_1^3 T_2^{10}} + \frac{4 T_1^{10}}{T_1^2 T_2^{10}} - \frac{504}{T_1 T_2^{10}} + \frac{6}{T_2^{10}} - \frac{11}{T_1^{10} T_2^9} + \\
 & \frac{27 T_1}{T_2^{10}} - \frac{10}{T_2^{10}} - \frac{10}{T_2^{10}} - \frac{10}{T_2^{10}} + \frac{10}{T_2^{10}} - \frac{10}{T_2^{10}} - \frac{10}{T_2^{10}} + \frac{10}{T_2^{10}} + \frac{10}{T_2^{10}} - \frac{10}{T_2^{10}} - \frac{9}{T_2^9} + \frac{20}{T_1^{20} T_2^9} - \frac{18}{T_1^{19} T_2^9} + \frac{784}{T_1^{18} T_2^9} + \frac{786}{T_1^{17} T_2^9} - \\
 & \frac{200}{T_1^{16} T_2^9} - \frac{901}{T_1^{15} T_2^9} + \frac{776}{T_1^{14} T_2^9} - \frac{142}{T_1^{13} T_2^9} - \frac{164 T_1}{T_1^{12} T_2^9} + \frac{143 T_1^2}{T_1^{11} T_2^9} + \frac{67 T_1^3}{T_1^{10} T_2^9} - \frac{228 T_1^4}{T_1^9 T_2^9} + \frac{32 T_1^5}{T_1^8 T_2^9} + \frac{144 T_1^6}{T_1^7 T_2^9} - \frac{36 T_1^7}{T_1^6 T_2^9} + \frac{2 T_1^8}{T_1^5 T_2^9} - \frac{14 T_1^9}{T_1^4 T_2^9} + \\
 & \frac{10 T_1^{10}}{T_1^3 T_2^9} - \frac{2 T_1^{11}}{T_1^2 T_2^9} + \frac{952}{T_1 T_2^9} - \frac{18}{T_2^9} + \frac{11}{T_2^9} + \frac{107}{T_2^9} - \frac{208}{T_2^9} + \frac{8}{T_2^9} + \frac{232}{T_2^9} - \frac{37}{T_2^9} + \frac{105}{T_2^9} - \frac{500}{T_2^9} + \\
 & \frac{644}{T_2^9} + \frac{308}{T_2^8} - \frac{1205}{T_1^{19} T_2^8} + \frac{904}{T_1^{18} T_2^8} - \frac{178}{T_1^{16} T_2^8} - \frac{1138}{T_1^{15} T_2^8} + \frac{1162}{T_1^{14} T_2^8} - \frac{110}{T_1^{13} T_2^8} - \frac{1071}{T_1^{12} T_2^8} + \frac{142 T_1}{T_1^{11} T_2^8} - \frac{527 T_1^2}{T_1^{10} T_2^8} + \frac{15 T_1^3}{T_1^9 T_2^8} - \frac{131 T_1^4}{T_1^8 T_2^8} + \\
 & \frac{229 T_1^5}{T_1^7 T_2^8} - \frac{221 T_1^6}{T_1^6 T_2^8} - \frac{41 T_1^7}{T_1^5 T_2^8} + \frac{68 T_1^8}{T_1^4 T_2^8} - \frac{9 T_1^9}{T_1^3 T_2^8} - \frac{3 T_1^{10}}{T_1^2 T_2^8} - \frac{14 T_1^{11}}{T_1 T_2^8} + \frac{2 T_1^{12}}{T_2^8} - \frac{566}{T_2^8} - \frac{6}{T_2^8} + \frac{18}{T_1^{20} T_2^7} + \frac{4}{T_1^{19} T_2^7} + \frac{3}{T_1^{18} T_2^7} - \frac{3}{T_1^{17} T_2^7} - \\
 & \frac{107}{T_2^8} - \frac{330}{T_2^8} - \frac{254}{T_2^8} + \frac{31}{T_2^8} - \frac{223}{T_2^8} + \frac{663}{T_2^8} - \frac{134}{T_2^8} - \frac{1379}{T_2^8} + \frac{813}{T_2^8} - \frac{534}{T_2^8} - \frac{1456}{T_2^8} + \frac{1008}{T_2^8} - \frac{308}{T_2^8} - \\
 & \frac{1198}{T_1^{16} T_2^7} + \frac{1629}{T_1^{14} T_2^7} - \frac{1071 T_1}{T_1^{13} T_2^7} - \frac{776 T_1^2}{T_1^{12} T_2^7} - \frac{241 T_1^3}{T_1^{11} T_2^7} + \frac{245 T_1^4}{T_1^{10} T_2^7} - \frac{132 T_1^5}{T_1^9 T_2^7} - \frac{17 T_1^6}{T_1^8 T_2^7} + \frac{317 T_1^7}{T_1^7 T_2^7} - \frac{148 T_1^8}{T_1^6 T_2^7} + \frac{39 T_1^9}{T_1^5 T_2^7} - \frac{5 T_1^{10}}{T_1^4 T_2^7} + \\
 & \frac{1198}{T_1^2 T_2^7} + \frac{1629}{T_1 T_2^7} - \frac{1071 T_1}{T_2^7} + \frac{776 T_1^2}{T_2^7} + \frac{241 T_1^3}{T_2^7} - \frac{245 T_1^4}{T_2^7} - \frac{132 T_1^5}{T_2^7} - \frac{17 T_1^6}{T_2^7} + \frac{317 T_1^7}{T_2^7} - \frac{148 T_1^8}{T_2^7} + \frac{39 T_1^9}{T_2^7} - \frac{5 T_1^{10}}{T_2^7} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{19 T_1^{11}}{T_2^7} + \frac{4 T_1^{12}}{T_2^7} - \frac{4 T_1^{13}}{T_2^7} - \frac{690}{T_2^6} + \frac{7}{T_1^{20} T_2^6} - \frac{3}{T_1^{19} T_2^6} - \frac{16}{T_1^{18} T_2^6} + \frac{4}{T_1^{17} T_2^6} + \frac{23}{T_1^{16} T_2^6} + \frac{208}{T_1^{15} T_2^6} - \frac{330}{T_1^{14} T_2^6} - \frac{14}{T_1^{12} T_2^6} + \frac{323}{T_1^{11} T_2^6} - \\
 & \frac{117}{T_1^{10} T_2^6} - \frac{1014}{T_1^9 T_2^6} + \frac{1095}{T_1^8 T_2^6} + \frac{816}{T_1^7 T_2^6} - \frac{1506}{T_1^6 T_2^6} + \frac{1028}{T_1^5 T_2^6} + \frac{404}{T_1^4 T_2^6} - \frac{692}{T_1^3 T_2^6} + \frac{1552}{T_1^2 T_2^6} - \frac{704}{T_1 T_2^6} + \frac{1629}{T_2^6} - \frac{110 T_1^2}{T_2^6} - \frac{901 T_1^3}{T_2^6} + \\
 & \frac{347 T_1^4}{T_2^6} + \frac{109 T_1^5}{T_2^6} + \frac{108 T_1^6}{T_2^6} - \frac{347 T_1^7}{T_2^6} - \frac{13 T_1^8}{T_2^6} + \frac{167 T_1^9}{T_2^6} - \frac{13 T_1^{10}}{T_2^6} - \frac{5 T_1^{11}}{T_2^6} - \frac{15 T_1^{12}}{T_2^6} + \frac{7 T_1^{13}}{T_2^6} + \frac{3 T_1^{14}}{T_2^6} + \frac{1350}{T_2^5} - \\
 & \frac{4}{T_2^6} - \frac{9}{T_2^6} + \frac{13}{T_2^6} - \frac{6}{T_2^6} + \frac{49}{T_2^6} - \frac{181}{T_2^6} + \frac{8}{T_2^6} + \frac{254}{T_2^6} - \frac{14}{T_2^6} - \frac{586}{T_2^6} + \frac{984}{T_2^6} - \frac{258}{T_2^5} - \\
 & \frac{T_1^{20} T_2^5}{T_1^{19} T_2^5} + \frac{T_1^{18} T_2^5}{T_1^{17} T_2^5} - \frac{T_1^{17} T_2^5}{T_1^{16} T_2^5} + \frac{T_1^{16} T_2^5}{T_1^{15} T_2^5} - \frac{T_1^{15} T_2^5}{T_1^{14} T_2^5} + \frac{T_1^{14} T_2^5}{T_1^{13} T_2^5} + \frac{T_1^{13} T_2^5}{T_1^{12} T_2^5} - \frac{T_1^{10} T_2^5}{T_1^9 T_2^5} + \frac{T_1^9 T_2^5}{T_1^8 T_2^5} - \\
 & \frac{1732}{T_1^7 T_2^5} + \frac{802}{T_1^6 T_2^5} + \frac{548}{T_1^5 T_2^5} - \frac{1406}{T_1^4 T_2^5} + \frac{690}{T_1^3 T_2^5} - \frac{406}{T_1^2 T_2^5} - \frac{882}{T_1 T_2^5} - \frac{704 T_1}{T_2^5} - \frac{1198 T_1^2}{T_2^5} + \frac{1162 T_1^3}{T_2^5} + \frac{200 T_1^4}{T_2^5} - \frac{562 T_1^5}{T_2^5} + \\
 & \frac{123 T_1^6}{T_2^5} + \frac{122 T_1^7}{T_2^5} + \frac{237 T_1^8}{T_2^5} - \frac{213 T_1^9}{T_2^5} - \frac{37 T_1^{10}}{T_2^5} + \frac{32 T_1^{11}}{T_2^5} + \frac{5 T_1^{12}}{T_2^5} + \frac{T_1^{13}}{T_2^5} - \frac{9 T_1^{14}}{T_2^5} - \frac{T_1^{15}}{T_2^5} - \frac{486}{T_2^4} + \frac{1}{T_1^{20} T_2^4} + \frac{9}{T_1^{19} T_2^4} - \\
 & \frac{3}{T_2^5} + \frac{7}{T_2^5} - \frac{43}{T_2^5} + \frac{6}{T_2^5} + \frac{225}{T_2^5} - \frac{232}{T_2^5} + \frac{31}{T_2^5} + \frac{323}{T_2^5} - \frac{586}{T_2^5} - \frac{1316}{T_2^4} + \frac{1148}{T_2^4} - \frac{524}{T_2^4} - \\
 & \frac{T_1^{18} T_2^4}{T_1^{17} T_2^4} + \frac{T_1^{16} T_2^4}{T_1^{15} T_2^4} - \frac{T_1^{15} T_2^4}{T_1^{14} T_2^4} + \frac{T_1^{14} T_2^4}{T_1^{13} T_2^4} - \frac{T_1^{13} T_2^4}{T_1^{12} T_2^4} + \frac{T_1^{12} T_2^4}{T_1^{11} T_2^4} - \frac{T_1^{11} T_2^4}{T_1^{10} T_2^4} + \frac{T_1^{10} T_2^4}{T_1^9 T_2^4} - \frac{T_1^8 T_2^4}{T_1^7 T_2^4} + \frac{T_1^7 T_2^4}{T_1^6 T_2^4} - \\
 & \frac{1430}{T_1^5 T_2^4} + \frac{944}{T_1^4 T_2^4} + \frac{277}{T_1^3 T_2^4} - \frac{1092}{T_1^2 T_2^4} + \frac{1277}{T_1 T_2^4} - \frac{882 T_1}{T_2^4} + \frac{1552 T_1^2}{T_2^4} - \frac{308 T_1^3}{T_2^4} - \frac{1138 T_1^4}{T_2^4} + \frac{786 T_1^5}{T_2^4} + \frac{24 T_1^6}{T_2^4} - \frac{214 T_1^7}{T_2^4} - \\
 & \frac{101 T_1^8}{T_2^4} + \frac{3 T_1^9}{T_2^4} + \frac{193 T_1^{10}}{T_2^4} - \frac{80 T_1^{11}}{T_2^4} - \frac{5 T_1^{12}}{T_2^4} - \frac{T_1^{13}}{T_2^4} + \frac{7 T_1^{14}}{T_2^4} + \frac{4 T_1^{15}}{T_2^4} - \frac{854}{T_2^3} - \frac{3}{T_1^{19} T_2^3} - \frac{1}{T_1^{18} T_2^3} - \frac{5}{T_1^{17} T_2^3} - \frac{1}{T_1^{16} T_2^3} + \\
 & \frac{89}{T_2^4} - \frac{166}{T_2^4} + \frac{27}{T_2^4} - \frac{37}{T_2^4} + \frac{223}{T_2^4} - \frac{117}{T_2^4} - \frac{984}{T_2^3} + \frac{1316}{T_2^3} - \frac{1096}{T_2^3} - \frac{1000}{T_2^3} + \frac{333}{T_2^3} - \frac{1187}{T_2^3} + \frac{1371}{T_2^3} + \\
 & \frac{T_1^{15} T_2^3}{T_1^{14} T_2^3} + \frac{T_1^{13} T_2^3}{T_1^{12} T_2^3} - \frac{T_1^{12} T_2^3}{T_1^{11} T_2^3} + \frac{T_1^{11} T_2^3}{T_1^{10} T_2^3} - \frac{T_1^{10} T_2^3}{T_1^9 T_2^3} + \frac{T_1^9 T_2^3}{T_1^8 T_2^3} - \frac{T_1^8 T_2^3}{T_1^7 T_2^3} + \frac{T_1^6 T_2^3}{T_1^5 T_2^3} - \frac{T_1^5 T_2^3}{T_1^4 T_2^3} + \frac{T_1^4 T_2^3}{T_1^3 T_2^3} - \frac{T_1^3 T_2^3}{T_1^2 T_2^3} + \\
 & \text{» } \frac{2}{T_1 T_2^3} + \frac{1277 T_1}{T_2^3} - \frac{406 T_1^2}{T_2^3} + \frac{692 T_1^3}{T_2^3} - \frac{1008 T_1^4}{T_2^3} + \frac{178 T_1^5}{T_2^3} - \frac{784 T_1^6}{T_2^3} + \frac{464 T_1^7}{T_2^3} - \frac{22 T_1^8}{T_2^3} + \frac{94 T_1^9}{T_2^3} - \frac{201 T_1^{10}}{T_2^3} + \\
 & \frac{21 T_1^{11}}{T_2^3} + \frac{52 T_1^{12}}{T_2^3} - \frac{13 T_1^{13}}{T_2^3} - \frac{3 T_1^{14}}{T_2^3} - \frac{3 T_1^{15}}{T_2^3} + \frac{1045}{T_2^2} - \frac{3}{T_1^{18} T_2^2} - \frac{1}{T_1^{17} T_2^2} + \frac{21}{T_1^{16} T_2^2} - \frac{36}{T_1^{15} T_2^2} - \frac{40}{T_1^{14} T_2^2} + \frac{144}{T_1^{13} T_2^2} - \\
 & \frac{23}{T_1^{12} T_2^2} + \frac{105}{T_1^{11} T_2^2} - \frac{663}{T_1^{10} T_2^2} + \frac{1014}{T_1^9 T_2^2} - \frac{258}{T_1^8 T_2^2} - \frac{1148}{T_1^7 T_2^2} + \frac{1096}{T_1^6 T_2^2} - \frac{1369}{T_1^4 T_2^2} + \frac{1189}{T_1^3 T_2^2} - \frac{144}{T_1^2 T_2^2} - \frac{1526}{T_1 T_2^2} + \frac{2 T_1}{T_2^2} - \frac{1092 T_1^2}{T_2^2} + \\
 & \frac{690 T_1^3}{T_2^2} + \frac{404 T_1^4}{T_2^2} - \frac{1456 T_1^5}{T_2^2} + \frac{904 T_1^6}{T_2^2} + \frac{113 T_1^7}{T_2^2} - \frac{422 T_1^8}{T_2^2} + \frac{120 T_1^9}{T_2^2} + \frac{44 T_1^{10}}{T_2^2} - \frac{109 T_1^{11}}{T_2^2} - \frac{108 T_1^{12}}{T_2^2} + \frac{17 T_1^{13}}{T_2^2} + \\
 & \frac{13 T_1^{14}}{T_2^2} - \frac{3 T_1^{15}}{T_2^2} - \frac{3 T_1^{16}}{T_2^2} + \frac{219}{T_2} + \frac{4}{T_1^{18} T_2} + \frac{13}{T_1^{17} T_2} - \frac{12}{T_1^{16} T_2} - \frac{41}{T_1^{15} T_2} + \frac{117}{T_1^{14} T_2} - \frac{86}{T_1^{13} T_2} - \frac{21}{T_1^{12} T_2} - \frac{191}{T_1^{11} T_2} + \\
 & \frac{500}{T_1^{10} T_2} - \frac{134}{T_1^9 T_2} - \frac{1095}{T_1^8 T_2} + \frac{1732}{T_1^7 T_2} - \frac{524}{T_1^6 T_2} - \frac{1000}{T_1^5 T_2} + \frac{1369}{T_1^4 T_2} - \frac{1382}{T_1^3 T_2} + \frac{1601}{T_1^2 T_2} - \frac{1526 T_1}{T_2} + \frac{1371 T_1^2}{T_2} + \frac{277 T_1^3}{T_2} - \\
 & \frac{1406 T_1^4}{T_2} + \frac{1028 T_1^5}{T_2} + \frac{534 T_1^6}{T_2} - \frac{1205 T_1^7}{T_2} + \frac{642 T_1^8}{T_2} - \frac{27 T_1^9}{T_2} - \frac{48 T_1^{10}}{T_2} - \frac{121 T_1^{11}}{T_2} + \frac{63 T_1^{12}}{T_2} + \frac{45 T_1^{13}}{T_2} - \frac{45 T_1^{14}}{T_2} + \\
 & \frac{2 T_1^{15}}{T_2} + \frac{13 T_1^{16}}{T_2} + \frac{T_1^{17}}{T_2} + \frac{1624 T_2}{T_1^{17}} + \frac{7 T_2}{T_1^{16}} + \frac{21 T_2}{T_1^{15}} - \frac{21 T_2}{T_1^{14}} + \frac{52 T_2}{T_1^{13}} - \frac{136 T_2}{T_1^{12}} - \frac{79 T_2}{T_1^{11}} - \frac{25 T_2}{T_1^{10}} - \frac{166 T_2}{T_1^9} + \frac{502 T_2}{T_1^8} - \\
 & \frac{308 T_2}{T_1^8} - \frac{813 T_2}{T_1^7} + \frac{1506 T_2}{T_1^6} - \frac{548 T_2}{T_1^5} - \frac{944 T_2}{T_1^4} + \frac{1187 T_2}{T_1^3} + \frac{144 T_2}{T_1^2} - \frac{1601 T_2}{T_1} - 1382 T_1^2 T_2 + 1189 T_1^3 T_2 + \\
 & 333 T_1^4 T_2 - 1430 T_1^5 T_2 + 802 T_1^6 T_2 + 816 T_1^7 T_2 - 1379 T_1^8 T_2 + 644 T_1^9 T_2 - 2 T_1^{10} T_2 - 52 T_1^{11} T_2 - 114 T_1^{12} T_2 +
 \end{aligned}$$

$$\begin{aligned}
 & 82 T_1^{13} T_2 + 34 T_1^{14} T_2 - 54 T_1^{15} T_2 + 10 T_1^{16} T_2 + 16 T_1^{17} T_2 + T_1^{18} T_2 - 219 T_2^2 - \frac{T_2^2}{T_1^{17}} - \frac{13 T_2^2}{T_1^{16}} - \frac{2 T_2^2}{T_1^{15}} + \frac{45 T_2^2}{T_1^{14}} - \\
 & \frac{45 T_2^2}{T_1^{13}} - \frac{63 T_2^2}{T_1^{12}} + \frac{121 T_2^2}{T_1^{11}} + \frac{48 T_2^2}{T_1^{10}} + \frac{27 T_2^2}{T_1^9} - \frac{642 T_2^2}{T_1^8} + \frac{1205 T_2^2}{T_1^7} - \frac{534 T_2^2}{T_1^6} - \frac{1028 T_2^2}{T_1^5} + \frac{1406 T_2^2}{T_1^4} - \frac{277 T_2^2}{T_1^3} - \\
 & \frac{1371 T_2^2}{T_1^2} + \frac{1526 T_2^2}{T_1} - 1601 T_1 T_2^2 + 1382 T_1^2 T_2^2 - 1369 T_1^4 T_2^2 + 1000 T_1^5 T_2^2 + 524 T_1^6 T_2^2 - 1732 T_1^7 T_2^2 + 1095 T_1^8 T_2^2 + \\
 & 134 T_1^9 T_2^2 - 500 T_1^{10} T_2^2 + 191 T_1^{11} T_2^2 + 21 T_1^{12} T_2^2 + 86 T_1^{13} T_2^2 - 117 T_1^{14} T_2^2 + 41 T_1^{15} T_2^2 + 12 T_1^{16} T_2^2 - 13 T_1^{17} T_2^2 - \\
 & 4 T_1^{18} T_2^2 - 1045 T_2^3 + \frac{3 T_2^3}{T_1^{16}} + \frac{3 T_2^3}{T_1^{15}} - \frac{13 T_2^3}{T_1^{14}} - \frac{17 T_2^3}{T_1^{13}} + \frac{108 T_2^3}{T_1^{12}} - \frac{109 T_2^3}{T_1^{11}} - \frac{44 T_2^3}{T_1^{10}} - \frac{120 T_2^3}{T_1^9} + \frac{422 T_2^3}{T_1^8} - \frac{113 T_2^3}{T_1^7} - \\
 & \frac{904 T_2^3}{T_1^6} + \frac{1456 T_2^3}{T_1^5} - \frac{404 T_2^3}{T_1^4} - \frac{690 T_2^3}{T_1^3} + \frac{1092 T_2^3}{T_1^2} - \frac{2 T_2^3}{T_1} + 1526 T_1 T_2^3 + 144 T_1^2 T_2^3 - 1189 T_1^3 T_2^3 + 1369 T_1^4 T_2^3 - \\
 & 1096 T_1^6 T_2^3 + 1148 T_1^7 T_2^3 + 258 T_1^8 T_2^3 - 1014 T_1^9 T_2^3 + 663 T_1^{10} T_2^3 - 105 T_1^{11} T_2^3 + 23 T_1^{12} T_2^3 - 144 T_1^{13} T_2^3 + 40 T_1^{14} T_2^3 + \\
 & 36 T_1^{15} T_2^3 - 21 T_1^{16} T_2^3 + T_1^{17} T_2^3 + 3 T_1^{18} T_2^3 + 854 T_2^4 + \frac{3 T_2^4}{T_1^{15}} + \frac{3 T_2^4}{T_1^{14}} + \frac{13 T_2^4}{T_1^{13}} - \frac{52 T_2^4}{T_1^{12}} - \frac{21 T_2^4}{T_1^{11}} + \frac{201 T_2^4}{T_1^{10}} - \frac{94 T_2^4}{T_1^9} + \\
 & \frac{22 T_2^4}{T_1^8} - \frac{464 T_2^4}{T_1^7} + \frac{784 T_2^4}{T_1^6} - \frac{178 T_2^4}{T_1^5} - \frac{1008 T_2^4}{T_1^4} + \frac{692 T_2^4}{T_1^3} + \frac{406 T_2^4}{T_1^2} - \frac{1277 T_2^4}{T_1} - 2 T_1 T_2^4 - 1371 T_1^2 T_2^4 + 1187 T_1^3 T_2^4 - \\
 & 333 T_1^4 T_2^4 - 1000 T_1^5 T_2^4 + 1096 T_1^6 T_2^4 - 1316 T_1^8 T_2^4 + 984 T_1^9 T_2^4 - 117 T_1^{10} T_2^4 - 223 T_1^{11} T_2^4 + 37 T_1^{12} T_2^4 - 27 T_1^{13} T_2^4 + \\
 & 166 T_1^{14} T_2^4 - 89 T_1^{15} T_2^4 + T_1^{16} T_2^4 + 5 T_1^{17} T_2^4 + T_1^{18} T_2^4 + 3 T_1^{19} T_2^4 + 486 T_2^5 - \frac{4 T_2^5}{T_1^{15}} - \frac{7 T_2^5}{T_1^{14}} + \frac{T_2^5}{T_1^{13}} + \frac{5 T_2^5}{T_1^{12}} + \frac{80 T_2^5}{T_1^{11}} - \\
 & \frac{193 T_2^5}{T_1^{10}} + \frac{3 T_2^5}{T_1^9} + \frac{101 T_2^5}{T_1^8} + \frac{214 T_2^5}{T_1^7} - \frac{24 T_2^5}{T_1^6} - \frac{786 T_2^5}{T_1^5} + \frac{1138 T_2^5}{T_1^4} + \frac{308 T_2^5}{T_1^3} - \frac{1552 T_2^5}{T_1^2} + \frac{882 T_2^5}{T_1} - 1277 T_1 T_2^5 + \\
 & 1092 T_1^2 T_2^5 - 277 T_1^3 T_2^5 - 944 T_1^4 T_2^5 + 1430 T_1^5 T_2^5 - 524 T_1^6 T_2^5 - 1148 T_1^7 T_2^5 + 1316 T_1^8 T_2^5 - 586 T_1^{10} T_2^5 + 323 T_1^{11} T_2^5 - \\
 & 31 T_1^{12} T_2^5 + 232 T_1^{13} T_2^5 - 225 T_1^{14} T_2^5 - 6 T_1^{15} T_2^5 + 43 T_1^{16} T_2^5 - 7 T_1^{17} T_2^5 + 3 T_1^{18} T_2^5 - 9 T_1^{19} T_2^5 - T_1^{20} T_2^5 - 1350 T_2^6 + \\
 & \frac{T_2^6}{T_1^{15}} + \frac{9 T_2^6}{T_1^{14}} - \frac{T_2^6}{T_1^{13}} - \frac{5 T_2^6}{T_1^{12}} - \frac{32 T_2^6}{T_1^{11}} + \frac{37 T_2^6}{T_1^{10}} + \frac{213 T_2^6}{T_1^9} - \frac{237 T_2^6}{T_1^8} - \frac{122 T_2^6}{T_1^7} - \frac{123 T_2^6}{T_1^6} + \frac{562 T_2^6}{T_1^5} - \frac{200 T_2^6}{T_1^4} - \frac{1162 T_2^6}{T_1^3} + \\
 & \frac{1198 T_2^6}{T_1^2} + \frac{704 T_2^6}{T_1} + 882 T_1 T_2^6 + 406 T_1^2 T_2^6 - 690 T_1^3 T_2^6 + 1406 T_1^4 T_2^6 - 548 T_1^5 T_2^6 - 802 T_1^6 T_2^6 + 1732 T_1^7 T_2^6 - \\
 & 258 T_1^8 T_2^6 - 984 T_1^9 T_2^6 + 586 T_1^{10} T_2^6 - 14 T_1^{12} T_2^6 - 254 T_1^{13} T_2^6 - 8 T_1^{14} T_2^6 + 181 T_1^{15} T_2^6 - 49 T_1^{16} T_2^6 + 6 T_1^{17} T_2^6 - \\
 & 13 T_1^{18} T_2^6 + 9 T_1^{19} T_2^6 + 4 T_1^{20} T_2^6 + 690 T_2^7 - \frac{3 T_2^7}{T_1^{14}} - \frac{7 T_2^7}{T_1^{13}} + \frac{15 T_2^7}{T_1^{12}} + \frac{5 T_2^7}{T_1^{11}} + \frac{13 T_2^7}{T_1^{10}} - \frac{167 T_2^7}{T_1^9} + \frac{13 T_2^7}{T_1^8} + \frac{347 T_2^7}{T_1^7} - \\
 & \frac{108 T_2^7}{T_1^6} - \frac{109 T_2^7}{T_1^5} - \frac{347 T_2^7}{T_1^4} + \frac{901 T_2^7}{T_1^3} + \frac{110 T_2^7}{T_1^2} - \frac{1629 T_2^7}{T_1} + 704 T_1 T_2^7 - 1552 T_1^2 T_2^7 + 692 T_1^3 T_2^7 - 404 T_1^4 T_2^7 - \\
 & 1028 T_1^5 T_2^7 + 1506 T_1^6 T_2^7 - 816 T_1^7 T_2^7 - 1095 T_1^8 T_2^7 + 1014 T_1^9 T_2^7 + 117 T_1^{10} T_2^7 - 323 T_1^{11} T_2^7 + 14 T_1^{12} T_2^7 + 330 T_1^{14} T_2^7 - \\
 & 208 T_1^{15} T_2^7 - 23 T_1^{16} T_2^7 - 4 T_1^{17} T_2^7 + 16 T_1^{18} T_2^7 + 3 T_1^{19} T_2^7 - 7 T_1^{20} T_2^7 + 566 T_2^8 + \frac{4 T_2^8}{T_1^{13}} - \frac{4 T_2^8}{T_1^{12}} - \frac{19 T_2^8}{T_1^{11}} + \frac{5 T_2^8}{T_1^{10}} + \\
 & \frac{39 T_2^8}{T_1^9} + \frac{148 T_2^8}{T_1^8} - \frac{317 T_2^8}{T_1^7} + \frac{17 T_2^8}{T_1^6} + \frac{132 T_2^8}{T_1^5} + \frac{245 T_2^8}{T_1^4} - \frac{241 T_2^8}{T_1^3} - \frac{776 T_2^8}{T_1^2} + \frac{1071 T_2^8}{T_1} - 1629 T_1 T_2^8 + 1198 T_1^2 T_2^8 + \\
 & 308 T_1^3 T_2^8 - 1008 T_1^4 T_2^8 + 1456 T_1^5 T_2^8 - 534 T_1^6 T_2^8 - 813 T_1^7 T_2^8 + 1379 T_1^8 T_2^8 - 134 T_1^9 T_2^8 - 663 T_1^{10} T_2^8 + 223 T_1^{11} T_2^8 + \\
 & 31 T_1^{12} T_2^8 + 254 T_1^{13} T_2^8 - 330 T_1^{14} T_2^8 + 107 T_1^{16} T_2^8 + 3 T_1^{17} T_2^8 - 4 T_1^{18} T_2^8 - 18 T_1^{19} T_2^8 + 6 T_1^{20} T_2^8 - 952 T_2^9 - \frac{2 T_2^9}{T_1^{12}} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{14 T_2^9}{T_1^{11}} + \frac{3 T_2^9}{T_1^{10}} - \frac{9 T_2^9}{T_1^9} - \frac{68 T_2^9}{T_1^8} + \frac{41 T_2^9}{T_1^7} + \frac{221 T_2^9}{T_1^6} - \frac{229 T_2^9}{T_1^5} - \frac{131 T_2^9}{T_1^4} - \frac{15 T_2^9}{T_1^3} + \frac{527 T_2^9}{T_1^2} - \frac{142 T_2^9}{T_1} + 1071 T_1 T_2^9 + \\
 & 110 T_1^2 T_2^9 - 1162 T_1^3 T_2^9 + 1138 T_1^4 T_2^9 - 178 T_1^5 T_2^9 - 904 T_1^6 T_2^9 + 1205 T_1^7 T_2^9 - 308 T_1^8 T_2^9 - 644 T_1^9 T_2^9 + 500 T_1^{10} T_2^9 + \\
 & 105 T_1^{11} T_2^9 - 37 T_1^{12} T_2^9 - 232 T_1^{13} T_2^9 + 8 T_1^{14} T_2^9 + 208 T_1^{15} T_2^9 - 107 T_1^{16} T_2^9 - 11 T_1^{18} T_2^9 + 18 T_1^{19} T_2^9 + 504 T_2^{10} - \\
 & \frac{2 T_2^{10}}{T_1^{11}} - \frac{10 T_2^{10}}{T_1^{10}} + \frac{14 T_2^{10}}{T_1^9} + \frac{2 T_2^{10}}{T_1^8} + \frac{36 T_2^{10}}{T_1^7} - \frac{144 T_2^{10}}{T_1^6} + \frac{32 T_2^{10}}{T_1^5} + \frac{228 T_2^{10}}{T_1^4} - \frac{67 T_2^{10}}{T_1^3} - \frac{143 T_2^{10}}{T_1^2} - \frac{164 T_2^{10}}{T_1} - \\
 & 142 T_1 T_2^{10} - 776 T_1^2 T_2^{10} + 901 T_1^3 T_2^{10} - 200 T_1^4 T_2^{10} - 786 T_1^5 T_2^{10} + 784 T_1^6 T_2^{10} - 113 T_1^7 T_2^{10} - 642 T_1^8 T_2^{10} + 502 T_1^9 T_2^{10} + \\
 & 2 T_1^{10} T_2^{10} - 191 T_1^{11} T_2^{10} - 23 T_1^{12} T_2^{10} + 27 T_1^{13} T_2^{10} + 225 T_1^{14} T_2^{10} - 181 T_1^{15} T_2^{10} + 23 T_1^{16} T_2^{10} - 3 T_1^{17} T_2^{10} + 11 T_1^{18} T_2^{10} - \\
 & 6 T_1^{20} T_2^{10} - 114 T_2^{11} + \frac{4 T_2^{11}}{T_1^{10}} - \frac{4 T_2^{11}}{T_1^9} - \frac{15 T_2^{11}}{T_1^8} + \frac{9 T_2^{11}}{T_1^7} + \frac{17 T_2^{11}}{T_1^6} + \frac{86 T_2^{11}}{T_1^5} - \frac{187 T_2^{11}}{T_1^4} + \frac{35 T_2^{11}}{T_1^3} + \frac{100 T_2^{11}}{T_1^2} + \\
 & \frac{27 T_2^{11}}{T_1} - 164 T_1 T_2^{11} + 527 T_1^2 T_2^{11} - 241 T_1^3 T_2^{11} - 347 T_1^4 T_2^{11} + 562 T_1^5 T_2^{11} - 24 T_1^6 T_2^{11} - 464 T_1^7 T_2^{11} + 422 T_1^8 T_2^{11} + \\
 & 27 T_1^9 T_2^{11} - 166 T_1^{10} T_2^{11} + 52 T_1^{11} T_2^{11} - 21 T_1^{12} T_2^{11} + 144 T_1^{13} T_2^{11} - 166 T_1^{14} T_2^{11} + 6 T_1^{15} T_2^{11} + 49 T_1^{16} T_2^{11} + 4 T_1^{17} T_2^{11} + \\
 & 4 T_1^{18} T_2^{11} - 18 T_1^{19} T_2^{11} + 6 T_1^{20} T_2^{11} + 89 T_2^{12} - \frac{2 T_2^{12}}{T_1^9} + \frac{14 T_2^{12}}{T_1^8} - \frac{T_2^{12}}{T_1^7} - \frac{11 T_2^{12}}{T_1^6} - \frac{38 T_2^{12}}{T_1^5} + \frac{37 T_2^{12}}{T_1^4} + \frac{68 T_2^{12}}{T_1^3} - \\
 & \frac{149 T_2^{12}}{T_1^2} + \frac{35 T_2^{12}}{T_1} + 27 T_1 T_2^{12} - 143 T_1^2 T_2^{12} - 15 T_1^3 T_2^{12} + 245 T_1^4 T_2^{12} - 109 T_1^5 T_2^{12} - 123 T_1^6 T_2^{12} + 214 T_1^7 T_2^{12} + \\
 & 22 T_1^8 T_2^{12} - 120 T_1^9 T_2^{12} + 48 T_1^{10} T_2^{12} - 25 T_1^{11} T_2^{12} + 114 T_1^{12} T_2^{12} - 86 T_1^{13} T_2^{12} - 40 T_1^{14} T_2^{12} + 89 T_1^{15} T_2^{12} - 43 T_1^{16} T_2^{12} - \\
 & 6 T_1^{17} T_2^{12} - 16 T_1^{18} T_2^{12} + 18 T_1^{19} T_2^{12} - 161 T_2^{13} - \frac{2 T_2^{13}}{T_1^8} - \frac{10 T_2^{13}}{T_1^7} + \frac{12 T_2^{13}}{T_1^6} + \frac{8 T_2^{13}}{T_1^5} + \frac{12 T_2^{13}}{T_1^4} - \frac{53 T_2^{13}}{T_1^3} + \frac{72 T_2^{13}}{T_1^2} + \\
 & \frac{54 T_2^{13}}{T_1} + 35 T_1 T_2^{13} + 100 T_1^2 T_2^{13} - 67 T_1^3 T_2^{13} - 131 T_1^4 T_2^{13} + 132 T_1^5 T_2^{13} - 108 T_1^6 T_2^{13} - 122 T_1^7 T_2^{13} + 101 T_1^8 T_2^{13} - \\
 & 94 T_1^9 T_2^{13} - 44 T_1^{10} T_2^{13} + 121 T_1^{11} T_2^{13} - 79 T_1^{12} T_2^{13} - 82 T_1^{13} T_2^{13} + 117 T_1^{14} T_2^{13} - 36 T_1^{15} T_2^{13} - T_1^{16} T_2^{13} + 7 T_1^{17} T_2^{13} + \\
 & 13 T_1^{18} T_2^{13} - 3 T_1^{19} T_2^{13} - 6 T_1^{20} T_2^{13} + 102 T_2^{14} + \frac{4 T_2^{14}}{T_1^7} - \frac{10 T_2^{14}}{T_1^5} - \frac{2 T_2^{14}}{T_1^4} + \frac{8 T_2^{14}}{T_1^3} + \frac{4 T_2^{14}}{T_1^2} - \frac{86 T_2^{14}}{T_1} + 54 T_1 T_2^{14} - \\
 & 149 T_1^2 T_2^{14} + 35 T_1^3 T_2^{14} + 228 T_1^4 T_2^{14} - 229 T_1^5 T_2^{14} + 17 T_1^6 T_2^{14} + 347 T_1^7 T_2^{14} - 237 T_1^8 T_2^{14} + 3 T_1^9 T_2^{14} + 201 T_1^{10} T_2^{14} - \\
 & 109 T_1^{11} T_2^{14} - 63 T_1^{12} T_2^{14} + 136 T_1^{13} T_2^{14} - 34 T_1^{14} T_2^{14} - 41 T_1^{15} T_2^{14} + 21 T_1^{16} T_2^{14} - 5 T_1^{17} T_2^{14} - 3 T_1^{18} T_2^{14} - 9 T_1^{19} T_2^{14} + \\
 & 7 T_1^{20} T_2^{14} + 2 T_2^{15} - \frac{3 T_2^{15}}{T_1^6} + \frac{5 T_2^{15}}{T_1^5} + \frac{2 T_2^{15}}{T_1^4} + \frac{2 T_2^{15}}{T_1^3} - \frac{14 T_2^{15}}{T_1^2} + \frac{33 T_2^{15}}{T_1} - 86 T_1 T_2^{15} + 72 T_1^2 T_2^{15} + 68 T_1^3 T_2^{15} - \\
 & 187 T_1^4 T_2^{15} + 32 T_1^5 T_2^{15} + 221 T_1^6 T_2^{15} - 317 T_1^7 T_2^{15} + 13 T_1^8 T_2^{15} + 213 T_1^9 T_2^{15} - 193 T_1^{10} T_2^{15} - 21 T_1^{11} T_2^{15} + 108 T_1^{12} T_2^{15} - \\
 & 45 T_1^{13} T_2^{15} - 52 T_1^{14} T_2^{15} + 54 T_1^{15} T_2^{15} - 12 T_1^{16} T_2^{15} - T_1^{17} T_2^{15} - T_1^{18} T_2^{15} + 9 T_1^{19} T_2^{15} - 4 T_1^{20} T_2^{15} - 31 T_2^{16} + \frac{T_2^{16}}{T_1^5} - \\
 & \frac{3 T_2^{16}}{T_1^4} + \frac{11 T_2^{16}}{T_1} + 33 T_1 T_2^{16} + 4 T_1^2 T_2^{16} - 53 T_1^3 T_2^{16} + 37 T_1^4 T_2^{16} + 86 T_1^5 T_2^{16} - 144 T_1^6 T_2^{16} + 41 T_1^7 T_2^{16} + 148 T_1^8 T_2^{16} - \\
 & 167 T_1^9 T_2^{16} + 37 T_1^{10} T_2^{16} + 80 T_1^{11} T_2^{16} - 52 T_1^{12} T_2^{16} - 17 T_1^{13} T_2^{16} + 45 T_1^{14} T_2^{16} - 21 T_1^{15} T_2^{16} - 10 T_1^{16} T_2^{16} + 13 T_1^{17} T_2^{16} - \\
 & 3 T_1^{18} T_2^{16} - 3 T_1^{19} T_2^{16} + T_1^{20} T_2^{16} + 5 T_2^{17} + \frac{3 T_2^{17}}{T_1^2} - \frac{9 T_2^{17}}{T_1} + 11 T_1 T_2^{17} - 14 T_1^2 T_2^{17} + 8 T_1^3 T_2^{17} + 12 T_1^4 T_2^{17} - 38 T_1^5 T_2^{17} + \\
 & 17 T_1^6 T_2^{17} + 36 T_1^7 T_2^{17} - 68 T_1^8 T_2^{17} + 39 T_1^9 T_2^{17} + 13 T_1^{10} T_2^{17} - 32 T_1^{11} T_2^{17} + 5 T_1^{12} T_2^{17} + 13 T_1^{13} T_2^{17} - 13 T_1^{14} T_2^{17} - \\
 & 2 T_1^{15} T_2^{17} + 21 T_1^{16} T_2^{17} - 16 T_1^{17} T_2^{17} + 4 T_1^{18} T_2^{17} + 6 T_2^{18} - \frac{T_2^{18}}{T_1} - 9 T_1 T_2^{18} + 2 T_1^3 T_2^{18} - 2 T_1^4 T_2^{18} + 8 T_1^5 T_2^{18} - 11 T_1^6 T_2^{18} + \\
 & 9 T_1^7 T_2^{18} + 2 T_1^8 T_2^{18} - 9 T_1^9 T_2^{18} + 5 T_1^{10} T_2^{18} + 5 T_1^{11} T_2^{18} - 5 T_1^{12} T_2^{18} + T_1^{13} T_2^{18} + 3 T_1^{14} T_2^{18} + 3 T_1^{15} T_2^{18} - 13 T_1^{16} T_2^{18} + \\
 & 7 T_1^{17} T_2^{18} - T_1^{18} T_2^{18} - T_1 T_2^{19} + 3 T_1^2 T_2^{19} + 2 T_1^4 T_2^{19} - 10 T_1^5 T_2^{19} + 12 T_1^6 T_2^{19} - T_1^7 T_2^{19} - 15 T_1^8 T_2^{19} + 14 T_1^9 T_2^{19} +
 \end{aligned}$$

$$\begin{aligned}
 & 3 T_1^{10} T_2^{19} - 19 T_1^{11} T_2^{19} + 15 T_1^{12} T_2^{19} - T_1^{13} T_2^{19} - 7 T_1^{14} T_2^{19} + 3 T_1^{15} T_2^{19} + 3 T_1^{16} T_2^{19} - T_1^{17} T_2^{19} - 3 T_1^4 T_2^{20} + 5 T_1^5 T_2^{20} - \\
 & 10 T_1^7 T_2^{20} + 14 T_1^8 T_2^{20} - 4 T_1^9 T_2^{20} - 10 T_1^{10} T_2^{20} + 14 T_1^{11} T_2^{20} - 4 T_1^{12} T_2^{20} - 7 T_1^{13} T_2^{20} + 9 T_1^{14} T_2^{20} - 4 T_1^{15} T_2^{20} + T_1^5 T_2^{21} - \\
 & 3 T_1^6 T_2^{21} + 4 T_1^7 T_2^{21} - 2 T_1^8 T_2^{21} - 2 T_1^9 T_2^{21} + 4 T_1^{10} T_2^{21} - 2 T_1^{11} T_2^{21} - 2 T_1^{12} T_2^{21} + 4 T_1^{13} T_2^{21} - 3 T_1^{14} T_2^{21} + T_1^{15} T_2^{21}
 \end{aligned}$$

Done with θ at 81.4621134

Out[*]=

$$\left\{ 81.699, \left\{ -\frac{(-1 + 2 T - T^2 - T^3 + 2 T^4 - T^5 + T^8) (-1 + \langle\langle 7 \rangle\rangle + T^8)}{T^8}, \frac{\langle\langle 1764 \rangle\rangle + T_1^{35} T_2^{40}}{T_1^{20} T_2^{20}} \right\} \right\}$$

Out[*]=

