

```

<< KnotTheory`
CreateWikiConnection[
  "http://katlas.org/w/index.php",
  uid = "DrorsRobot",
  InputString["Password for " <> uid <> "?"]
];
WikiUserName[]

Loading KnotTheory` version of December 4, 2007, 19:59:55.6406.
Read more at http://katlas.org/wiki/KnotTheory.
DrorsRobot

K = Knot["K13a1098"]
Knot[13, Alternating, 1098]

"<math>" <> ToString[Jones[K][q], TeXForm] <> "</math>"
<math>q^{12}-5 q^{11}+13 q^{10}-24 q^9+36 q^8-47
  q^7+52 q^6-51 q^5+44 q^4-32 q^3+21 q^2-10 q+4-\frac{1}{q}</math>

"Data:" <> NameString[K] <> "/Jones_Polynomial"
Data:K13a1098/Jones_Polynomial

do[K_] := WikiSetPageText[
  "Data:" <> NameString[K] <> "/Jones_Polynomial",
  "<math>" <> ToString[Jones[K][q], TeXForm] <> "</math>"
]

do[K]

True

(Print[out = (# -> APUpload[#])]; out) & /@ AllKnots[];
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Knot [11, Alternating, 362] → True
Knot [11, Alternating, 363] → True
Knot [11, Alternating, 364] → True
Knot [11, Alternating, 365] → True
Knot [11, Alternating, 366] → True
Knot [11, Alternating, 367] → True
Knot [11, NonAlternating, 1] → True
Knot [11, NonAlternating, 2] → True
Knot [11, NonAlternating, 3] → True
Knot [11, NonAlternating, 4] → True
Knot [11, NonAlternating, 5] → True
Knot [11, NonAlternating, 6] → True
Knot [11, NonAlternating, 7] → True
Knot [11, NonAlternating, 8] → True
Knot [11, NonAlternating, 9] → True

Knot [11, NonAlternating, 10] → True
Knot [11, NonAlternating, 11] → True
Knot [11, NonAlternating, 12] → True
Knot [11, NonAlternating, 13] → True
Knot [11, NonAlternating, 14] → True
Knot [11, NonAlternating, 15] → True
Knot [11, NonAlternating, 16] → True
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Knot [11, NonAlternating, 20] → True
Knot [11, NonAlternating, 21] → True
Knot [11, NonAlternating, 22] → True
Knot [11, NonAlternating, 23] → True
Knot [11, NonAlternating, 24] → True
Knot [11, NonAlternating, 25] → True
Knot [11, NonAlternating, 26] → True
Knot [11, NonAlternating, 27] → True
Knot [11, NonAlternating, 28] → True
Knot [11, NonAlternating, 29] → True
Knot [11, NonAlternating, 30] → True
Knot [11, NonAlternating, 31] → True
Knot [11, NonAlternating, 32] → True
Knot [11, NonAlternating, 33] → True
Knot [11, NonAlternating, 34] → True
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Knot [11, NonAlternating, 37] → True
Knot [11, NonAlternating, 38] → True
Knot [11, NonAlternating, 39] → True
Knot [11, NonAlternating, 40] → True
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Knot [11, NonAlternating, 42] → True
Knot [11, NonAlternating, 43] → True
Knot [11, NonAlternating, 44] → True
Knot [11, NonAlternating, 45] → True

Knot [11, NonAlternating, 46] → True
Knot [11, NonAlternating, 47] → True
Knot [11, NonAlternating, 48] → True
Knot [11, NonAlternating, 49] → True
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Knot [11, NonAlternating, 56] → True
Knot [11, NonAlternating, 57] → True
Knot [11, NonAlternating, 58] → True
Knot [11, NonAlternating, 59] → True
Knot [11, NonAlternating, 60] → True
Knot [11, NonAlternating, 61] → True
Knot [11, NonAlternating, 62] → True
Knot [11, NonAlternating, 63] → True
Knot [11, NonAlternating, 64] → True
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Knot [11, NonAlternating, 69] → True
Knot [11, NonAlternating, 70] → True
Knot [11, NonAlternating, 71] → True
Knot [11, NonAlternating, 72] → True
Knot [11, NonAlternating, 73] → True
Knot [11, NonAlternating, 74] → True
Knot [11, NonAlternating, 75] → True
Knot [11, NonAlternating, 76] → True
Knot [11, NonAlternating, 77] → True
Knot [11, NonAlternating, 78] → True
Knot [11, NonAlternating, 79] → True
Knot [11, NonAlternating, 80] → True
Knot [11, NonAlternating, 81] → True

Knot [11, NonAlternating, 82] → True
Knot [11, NonAlternating, 83] → True
Knot [11, NonAlternating, 84] → True
Knot [11, NonAlternating, 85] → True
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Knot [11, NonAlternating, 88] → True
Knot [11, NonAlternating, 89] → True
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Knot [11, NonAlternating, 91] → True
Knot [11, NonAlternating, 92] → True
Knot [11, NonAlternating, 93] → True
Knot [11, NonAlternating, 94] → True
Knot [11, NonAlternating, 95] → True
Knot [11, NonAlternating, 96] → True
Knot [11, NonAlternating, 97] → True
Knot [11, NonAlternating, 98] → True
Knot [11, NonAlternating, 99] → True
Knot [11, NonAlternating, 100] → True
Knot [11, NonAlternating, 101] → True
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Knot [11, NonAlternating, 105] → True
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Knot [11, NonAlternating, 107] → True
Knot [11, NonAlternating, 108] → True
Knot [11, NonAlternating, 109] → True
Knot [11, NonAlternating, 110] → True
Knot [11, NonAlternating, 111] → True
Knot [11, NonAlternating, 112] → True
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Knot [11, NonAlternating, 114] → True
Knot [11, NonAlternating, 115] → True
Knot [11, NonAlternating, 116] → True
Knot [11, NonAlternating, 117] → True

Knot [11, NonAlternating, 118] → True
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Knot [11, NonAlternating, 120] → True
Knot [11, NonAlternating, 121] → True
Knot [11, NonAlternating, 122] → True
Knot [11, NonAlternating, 123] → True
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Knot [11, NonAlternating, 127] → True
Knot [11, NonAlternating, 128] → True
Knot [11, NonAlternating, 129] → True
Knot [11, NonAlternating, 130] → True
Knot [11, NonAlternating, 131] → True
Knot [11, NonAlternating, 132] → True
Knot [11, NonAlternating, 133] → True
Knot [11, NonAlternating, 134] → True
Knot [11, NonAlternating, 135] → True
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Knot [11, NonAlternating, 139] → True
Knot [11, NonAlternating, 140] → True
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Knot [11, NonAlternating, 153] → True

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Knot [11, NonAlternating, 158] → True
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Knot [11, NonAlternating, 162] → True
Knot [11, NonAlternating, 163] → True
Knot [11, NonAlternating, 164] → True
Knot [11, NonAlternating, 165] → True
Knot [11, NonAlternating, 166] → True
Knot [11, NonAlternating, 167] → True
Knot [11, NonAlternating, 168] → True
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Knot [11, NonAlternating, 173] → True
Knot [11, NonAlternating, 174] → True
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Knot [11, NonAlternating, 179] → True
Knot [11, NonAlternating, 180] → True
Knot [11, NonAlternating, 181] → True
Knot [11, NonAlternating, 182] → True
Knot [11, NonAlternating, 183] → True
Knot [11, NonAlternating, 184] → True
Knot [11, NonAlternating, 185] → True

Plus @@ (Last /@ %)

802 True

```
Ks = TorusKnots [36]
```

```
{TorusKnot [3, 2], TorusKnot [5, 2], TorusKnot [7, 2], TorusKnot [4, 3], TorusKnot [9, 2],  
TorusKnot [5, 3], TorusKnot [11, 2], TorusKnot [13, 2], TorusKnot [7, 3], TorusKnot [5, 4],  
TorusKnot [15, 2], TorusKnot [8, 3], TorusKnot [17, 2], TorusKnot [19, 2],  
TorusKnot [10, 3], TorusKnot [7, 4], TorusKnot [21, 2], TorusKnot [11, 3],  
TorusKnot [23, 2], TorusKnot [6, 5], TorusKnot [25, 2], TorusKnot [13, 3], TorusKnot [9, 4],  
TorusKnot [27, 2], TorusKnot [7, 5], TorusKnot [14, 3], TorusKnot [29, 2],  
TorusKnot [31, 2], TorusKnot [8, 5], TorusKnot [16, 3], TorusKnot [11, 4],  
TorusKnot [33, 2], TorusKnot [17, 3], TorusKnot [7, 6], TorusKnot [35, 2], TorusKnot [9, 5]}
```

```
(Print [out = (# → AUpload[#])]; out) & /@ Ks;
```


TorusKnot [3, 2] → True
TorusKnot [5, 2] → True
TorusKnot [7, 2] → True
TorusKnot [4, 3] → True
TorusKnot [9, 2] → True
TorusKnot [5, 3] → True
TorusKnot [11, 2] → True
TorusKnot [13, 2] → True
TorusKnot [7, 3] → True
TorusKnot [5, 4] → True
TorusKnot [15, 2] → True
TorusKnot [8, 3] → True
TorusKnot [17, 2] → True
TorusKnot [19, 2] → True
TorusKnot [10, 3] → True
TorusKnot [7, 4] → True
TorusKnot [21, 2] → True
TorusKnot [11, 3] → True
TorusKnot [23, 2] → True
TorusKnot [6, 5] → True
TorusKnot [25, 2] → True
TorusKnot [13, 3] → True
TorusKnot [9, 4] → True
TorusKnot [27, 2] → True
TorusKnot [7, 5] → True
TorusKnot [14, 3] → True
TorusKnot [29, 2] → True
TorusKnot [31, 2] → True
TorusKnot [8, 5] → True
TorusKnot [16, 3] → True
TorusKnot [11, 4] → True
TorusKnot [33, 2] → True
TorusKnot [17, 3] → True
TorusKnot [7, 6] → True
TorusKnot [35, 2] → True
TorusKnot [9, 5] → True

Plus @@ (Last /@ %)

36 True