

Question from Jorgen

June-19-09
8:16 AM

Date: Fri, 19 Jun 2009 14:02:07 +0200 (CEST)
To: Dror Bar-Natan <drorbn@math.toronto.edu>

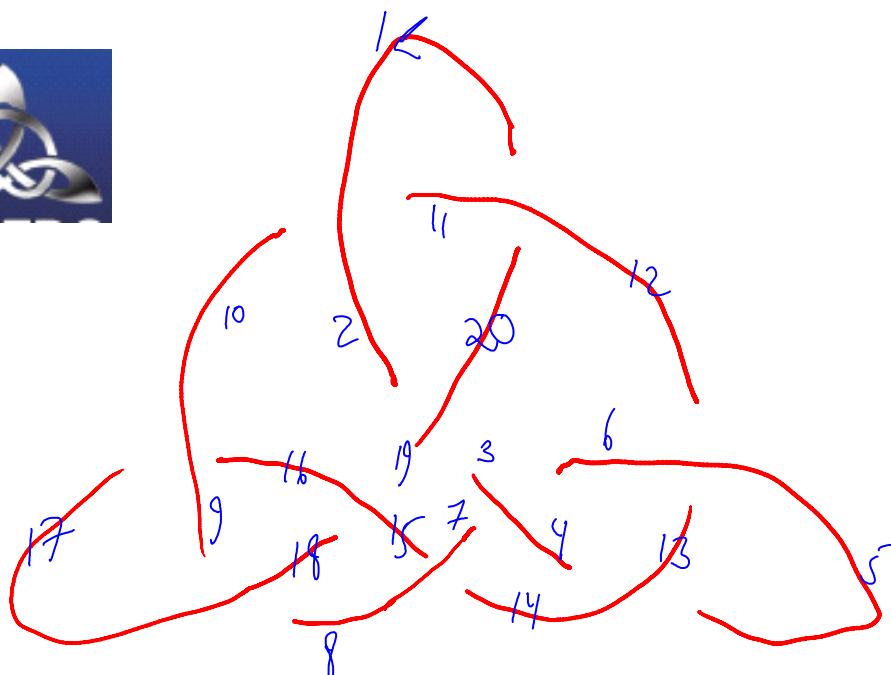
Dear Dror,

Do you know which knot and if so, also if it has a special name, one sees at:

<http://www.teredodive.dk/index.php>

Yours,

Joergen



```
In[1]:= << KnotTheory`
Loading KnotTheory` version of April 20, 2009, 14:18:34.482.
Read more at http://katlas.org/wiki/KnotTheory.

In[2]:= K = PD[
  X[2, 19, 3, 20], X[4, 14, 5, 13], X[6, 3, 7, 4], X[8, 18, 9, 17],
  X[10, 2, 11, 1], X[12, 6, 13, 5], X[14, 7, 15, 8], X[16, 10, 17, 9],
  X[18, 15, 19, 16], X[20, 12, 1, 11]
]

Out[2]= PD[X[2, 19, 3, 20], X[4, 14, 5, 13], X[6, 3, 7, 4],
  X[8, 18, 9, 17], X[10, 2, 11, 1], X[12, 6, 13, 5], X[14, 7, 15, 8],
  X[16, 10, 17, 9], X[18, 15, 19, 16], X[20, 12, 1, 11]]

In[3]:= J = Jones[K][q]
Out[3]= 14 + 1/q^4 - 4/q^3 + 7/q^2 - 10/q - 13q + 12q^2 - 10q^3 + 6q^4 - 3q^5 + q^6

In[4]:= Select[AllKnots[],
  Jones[#][q] == J &
]
KnotTheory::loading : Loading precomputed data in Jones4Knots`.
KnotTheory::loading : Loading precomputed data in Jones4Knots11`.
Out[4]= {Knot[10, 75]}
```

10 75 - Knot Atlas - Mozilla Firefox

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http://katlas.org/wiki/10_75 julian marche

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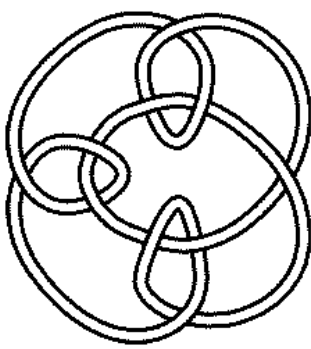
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10 75

From Knot Atlas

You have [new messages \(last change\)](#).



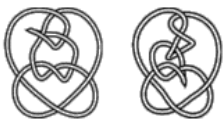
(KnotPlot image)

See the full [Rolfsen Knot Table](#).

Visit [10 75's page](#) at the [Knot Server](#) (KnotPlot driven, includes 3D interactive images!)

Visit [10 75's page](#) at [Knotilus](#)!

Visit [10 75's page](#) at the original [Knot Atlas](#)!




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Decorative representation by Petr Vodicka.

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