# Question from Jorgen

June-19-09
8:16 AM

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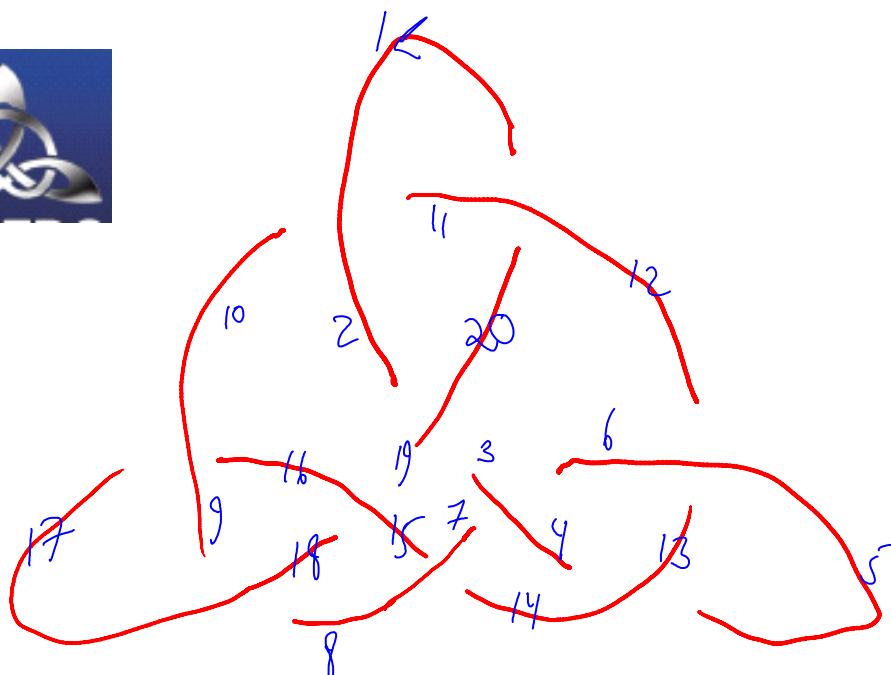To: Dror Bar-Natan <drorbn@math.toronto.edu>

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]
```

$$Out[3]= 14 + \frac{1}{q^4} - \frac{4}{q^3} + \frac{7}{q^2} - \frac{10}{q} - 13\,q + 12\,q^2 - 10\,q^3 + 6\,q^4 - 3\,q^5 + q^6$$

```
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]}
```
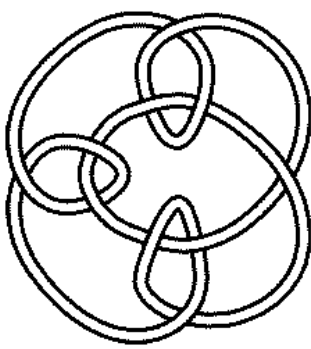
Drorbn   my talk   my preferences   my watchlist   my contributions   log out

article   discussion   edit   history   protect   delete   move   watch

# 10 75
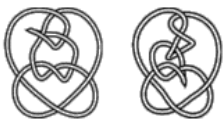
From Knot Atlas

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 ⬀!



10_74



10_76

[edit 10 75 Quick Notes]

[edit 10 75 Further Notes and Views]



Decorative representation by Petr Vodicka.

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