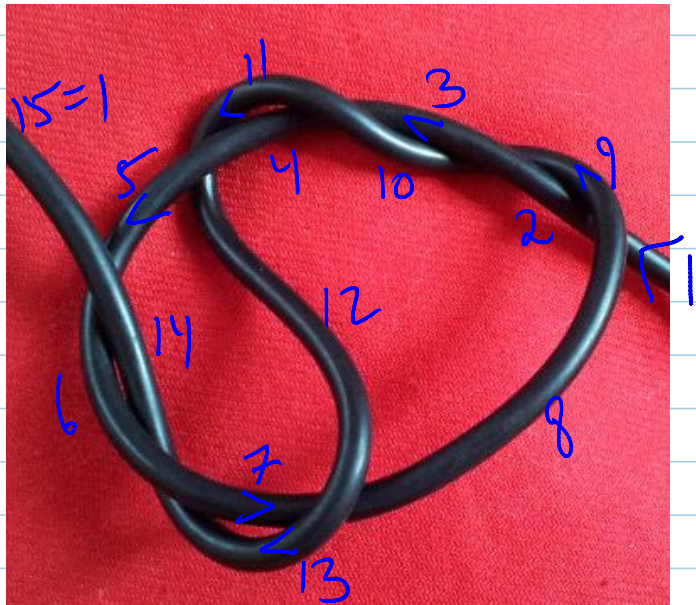


Random Knot on a Computer Cable

December-16-11
12:34 PM



$X_{1,9,2,8}$ $X_{3,11,4,10}$ $X_{5,1,6,14}$
 $X_{7,13,8,12}$ $X_{9,3,10,2}$
 $X_{11,5,12,4}$ $X_{13,7,14,6}$

```
In[1]:= << KnotTheory`
```

```
Loading KnotTheory` version of August 22, 2010, 13:36:57.55.  
Read more at http://katlas.org/wiki/KnotTheory.
```

```
In[2]:= K = PD[
```

```
  X[1, 9, 2, 8], X[3, 11, 4, 10], X[5, 1, 6, 14],  
  X[7, 13, 8, 12], X[9, 3, 10, 2],  
  X[11, 5, 12, 4], X[13, 7, 14, 6]  
];
```

```
In[3]:= Import["http://katlas.org/wiki/IdentifyWithin.m?action=raw"];
```

```
In[4]:= IdentifyWithin[K, AllKnots[]]
```

```
KnotTheory::loading : Loading precomputed data in Jones4Knots`.
```

```
KnotTheory::loading : Loading precomputed data in Jones4Knots11`.
```

```
Out[4]:= {Knot[7, 3]}
```

```
In[1]:= << KnotTheory`
```

```
During evaluation of In[1]:= Loading KnotTheory` version of August 22, 2010, 13:36:57.55.  
Read more at http://katlas.org/wiki/KnotTheory.
```

```
In[2]:= K=PD[
```

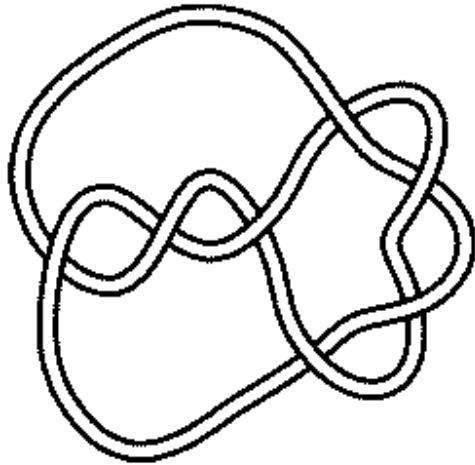
```
  X[1,9,2,8], X[3,11,4,10], X[5,1,6,14],  
  X[7,13,8,12], X[9,3,10,2],  
  X[11,5,12,4], X[13,7,14,6]
```

```
];
```

```
In[3]:= Import["http://katlas.org/wiki/IdentifyWithin.m?action=raw"];
```

```
In[4]:= IdentifyWithin[K, AllKnots[]]
```

During evaluation of In[4]:= KnotTheory::loading: Loading precomputed data in Jones4Knots`.
During evaluation of In[4]:= KnotTheory::loading: Loading precomputed data in Jones4Knots11`.
Out[4]= {Knot[7,3]}



(KnotPlot image)

http://katlas.org/wiki/7_3