## Prime Knots with Less than Seven Crossings

## Low Dimensional Topology

September 3, 2015

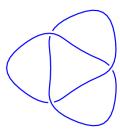


Figure 1: Knot  $3_1$ , the Figure 2: Knot  $4_1$ , the trefoil

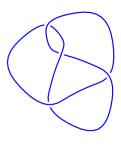


figure eight

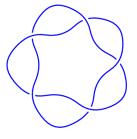


Figure 3: Knot 5<sub>1</sub>

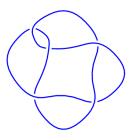


Figure 4: Knot  $5_2$ 

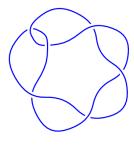


Figure 5: Knot  $6_1$ 

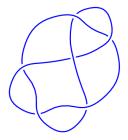


Figure 6: Knot  $6_2$ 

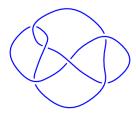


Figure 7: Knot  $6_3$ 

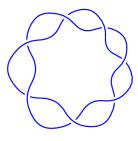


Figure 8: Knot  $7_1$ 

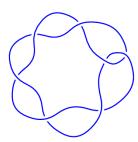


Figure 9: Knot  $7_2$ 

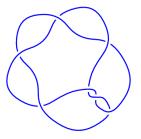


Figure 10: Knot  $7_3$ 

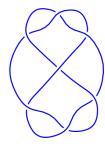


Figure 11: Knot  $7_4$ 

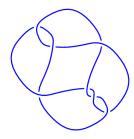


Figure 12: Knot  $7_5$ 

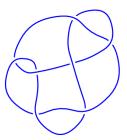


Figure 13: Knot  $7_6$ 

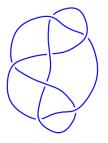


Figure 14: Knot 7<sub>7</sub>