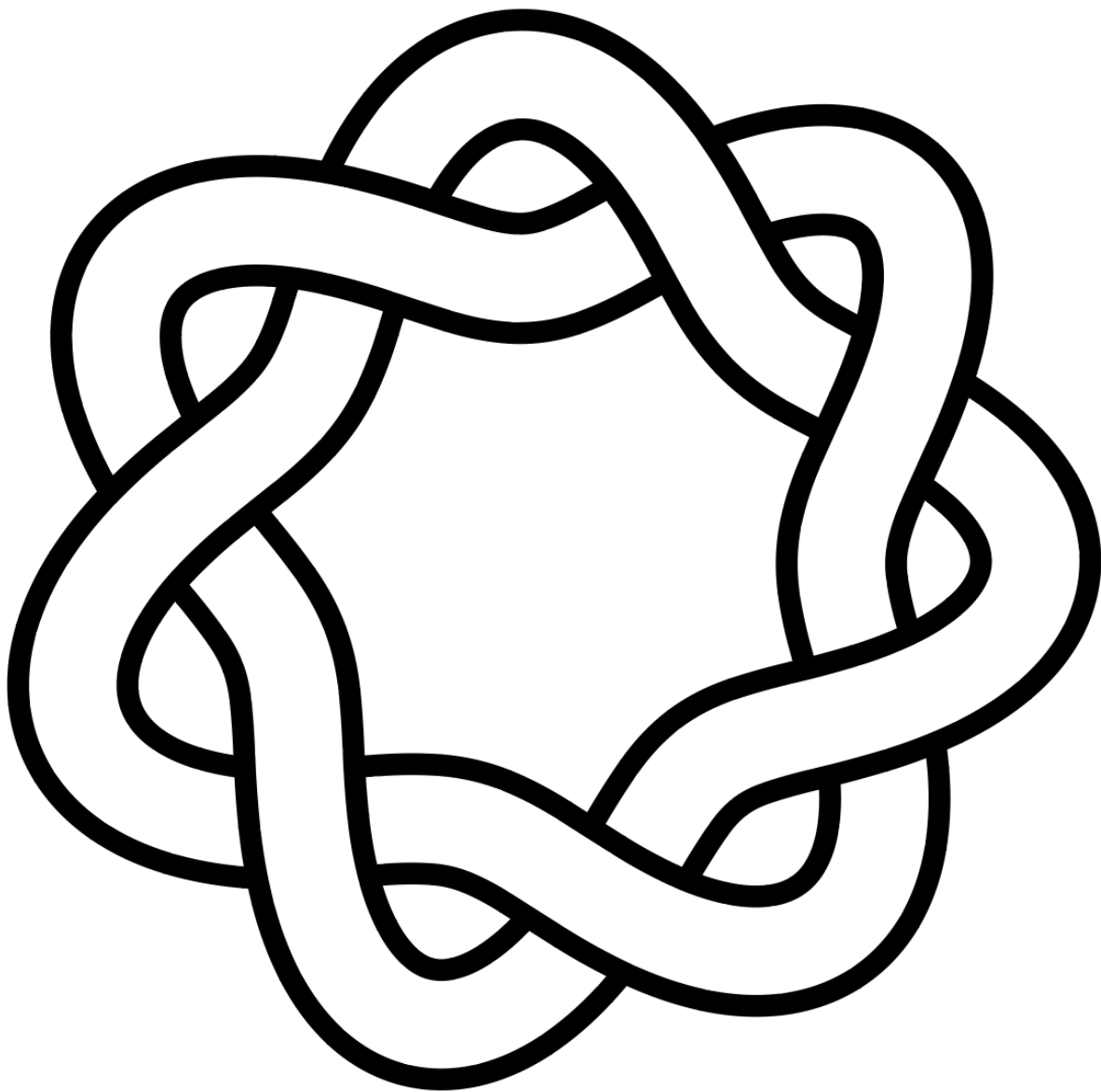

Knot Colorings

UNA Mathematics Department
First Friday November 4, 2016

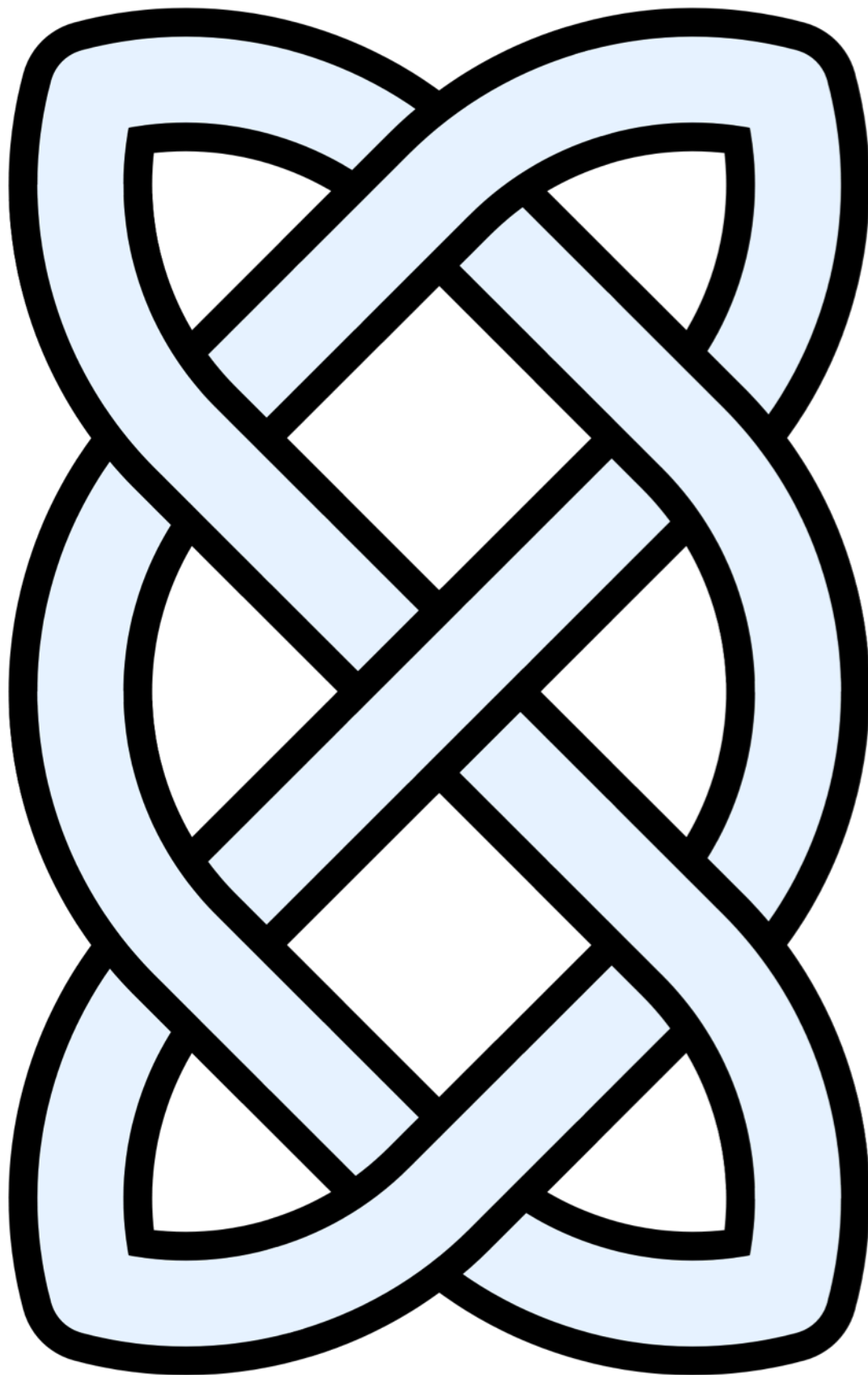
Directions. Your challenge is to color the following knots using three colors. But there's a catch! You have to follow these rules:

- You have to use all three colors
- Every time the strands cross, the three pieces coming together have to be either all the same color or all three different colors.

One can be colored using those rules and one cannot be. Can you figure out which is which? For answers, visit una.edu/math/firstfriday2016



The 7₁ Knot



The 7₄ Knot