# TEXAS ★ STATE ®

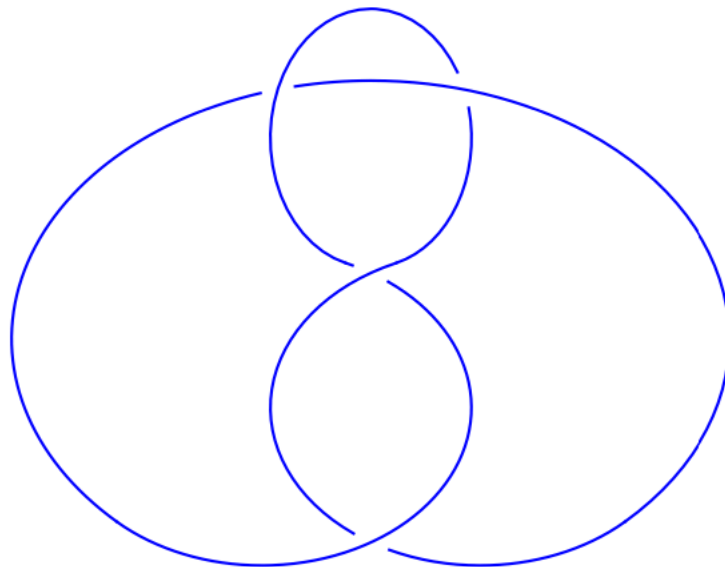## Topology Seminar at Texas State

**When**: Friday, January 27, 2023, 11:00 a.m.
**Where**: DERR 333 *and* ZOOM (Zoom info at bottom of page)

**Presenter**: David F. Snyder
**Title/Topic**: A cell structure for the Figure-8 knot complement

**Abstract**: Back by popular demand! We will examine carefully the complement of the figure-8 knot (shown below) and show how it's complement in space can be modeled as the gluing of two ideal tetrahedra (tetrahdedra missing their edges and vertices). This is the first (simplest?) example given by Thurston in his *Notes on the Geometry and Topology of 3-Manifolds*.

### *Zoom Information*

**Meeting URL (click this)**
**Meeting ID**: 977 0390 3382
**Password**: manifolds