Talk Math 2 Me

Friday April 19, 2019
DERR 329
12:00pm- 1:00pm

This week features two presentations given by Hunter Schuler

Enrico Betti

Abstract

Enrico Betti was an Italian mathematician, now remembered mostly for his 1871 paper on topology that led to the later naming (by Henri Poincaré) after him of the Betti numbers. He worked also on the theory of equations, giving early expositions of Galois theory. We will also relate several interesting stories about his life.

Persistent Homology of Range Image Patches

Abstract

We will give an intuitive introduction to persistent homology and computing the Betti numbers of a particular data set of range image patches. We will show that there is good evidence that a loop resides at the core of this data set.

Upcoming Fridays will feature student presentations of projects and research. Look for flyers hanging around the department or check the math department webpage for all updates on Talk Math 2 Me!
To sign up to speak, contact Ellen Robinson at ebr21@txstate.edu.