

*Student
Seminar*

Pi Mu Epsilon

& GAMECOCK MATH CLUB

The Trouble with Tribbles ... for Hairdressers

by Andrew Miller, Belmont University
Professor



Andrew Miller

Suppose you found yourself needing to comb a ball covered with hair. Can you comb the hair flat? What about a hairy donut, or a hairy pretzel? In this talk, we will reveal the answer to these questions and learn about a connection between the shape of a surface and the possible dynamics of motion on that surface.

Andy Miller is a Professor of Mathematics at Belmont University in Nashville, TN. He did his PhD work at the University of California at Berkeley in dynamical systems. Dr. Miller's current scholarship interests are in college-level quantitative literacy education. This semester he is teaching three of his favorite courses: Calculus 3, Differential Equations, and Quantitative Literacy and Reasoning. Dr. Miller is an active long-distance runner and has a collection of more than 200 modern strategy board games.

Tuesday 6th April 2021
6:00 pm via Zoom

Email sanders@math.sc.edu for Zoom link.

For more info visit PME/GMC on FaceBook and at <http://people.math.sc.edu/pme/>