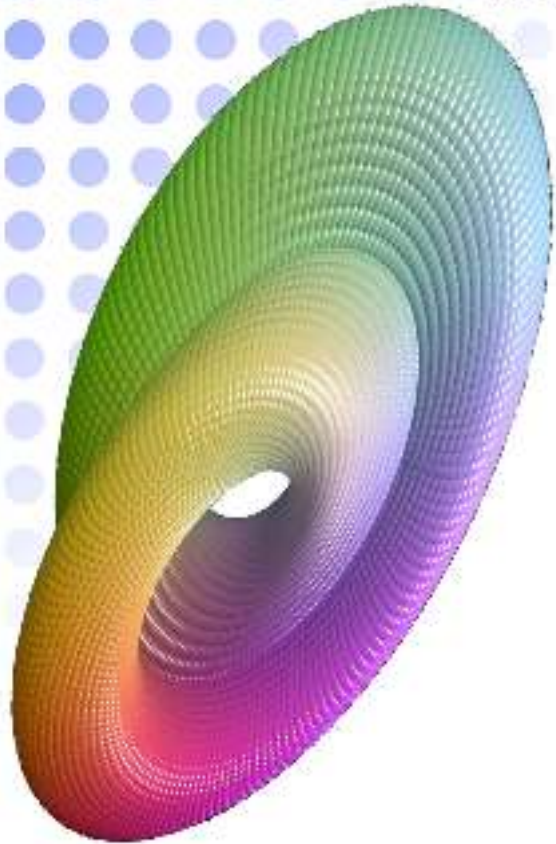# Michigan Math Club

Thursday at 4pm in the Nesbitt Room
Free Pizza and Pop

The Teetotaler's Tour

Daniel Visscher

Abstract for 3 Dec. 2015

T. Totaler would like to see the world. She is skeptical of her neighbor Dr. Unkard's haphazard method of exploring, and so instead she sets off walking on a straight path, never veering. How interesting will T. Totaler's tour be? Does this depend on where she starts? And what does it mean for her to walk ``straight''? We will investigate how these questions relate to the geometry of the surface where T. Totaler lives and exhibit some worlds where her globetrotting strategy is particularly effective.