

The SUMO Speaker Series for Undergraduates

(food from Pizza Chicago)

Wednesday, November 4th

4:15-5:05, room 380C

The Two-Piece Property

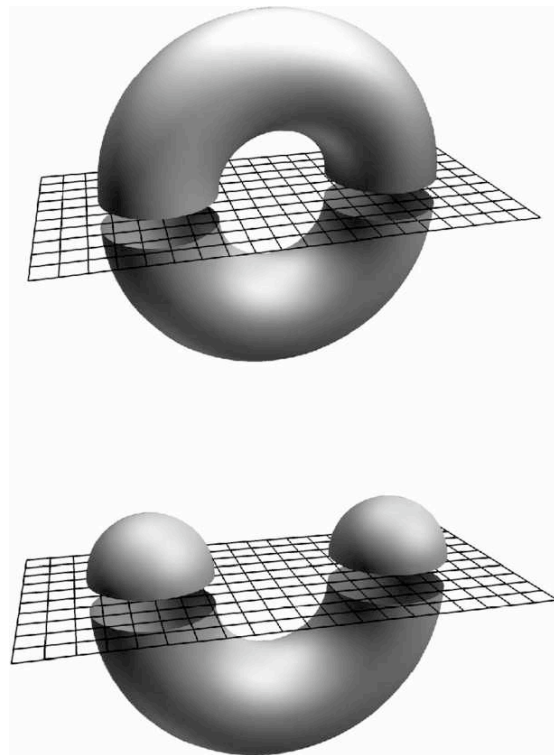
Professor Thomas Banchoff, Brown Univ.



ABSTRACT:

What objects fall into at most two pieces when you slice them with a long knife?

Oranges, yes, and sufficiently curvy bananas, no. What about apples and half-cantaloupes? What geometry can we explore at the breakfast table? This talk will be accompanied by computer graphics images and films to illustrate some of the interesting geometric phenomena that arise when cutting things into pieces.



sumo.stanford.edu/speakers