

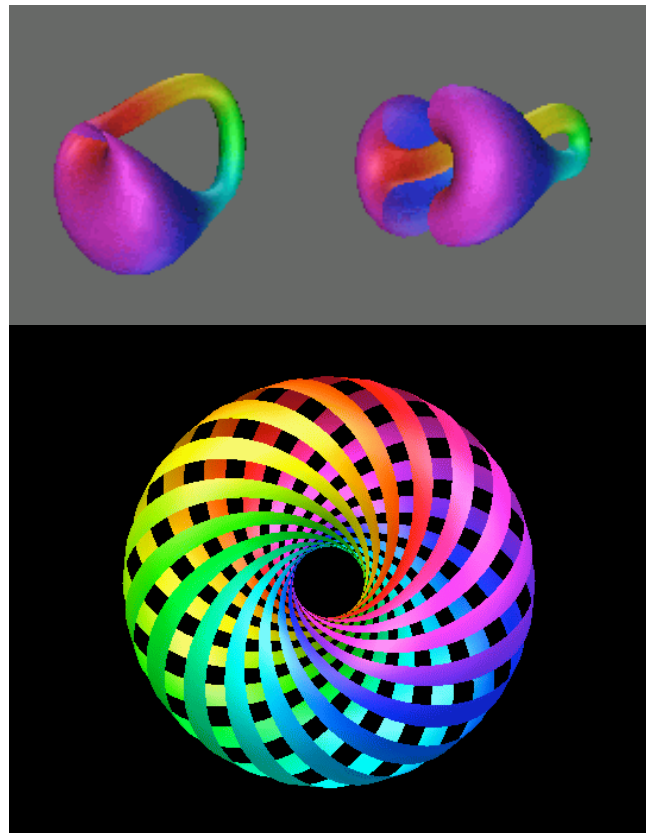
The SUMO Speaker Series for Undergraduates

(food from Pizza Chicago)
Wednesday, April 7
4:40-5:30, room 380C

The art of chopping up manifolds and gluing them back together

Professor Ralph Cohen

Abstract: Algebraic topologists study manifolds (smooth topological spaces) by assigning invariants to them, such as numbers, elements of a group, vector spaces, etc. These invariants should behave well with respect to slicing up manifolds and gluing manifolds together. In this talk I will give examples of these kinds of invariants, and show how they are classified in the case of manifolds of dimension one and two.



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