

The SUMO Speaker Series for Undergraduates

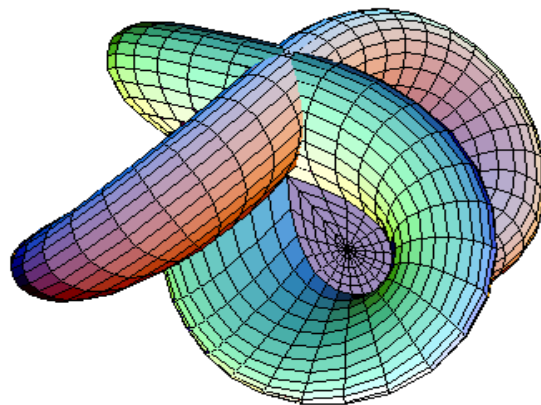
(Pizza Provided)

Wednesday, January 26th

4:15-5:05, room 380C

Flexible Mathematics, or Introduction to the h-Principle

Professor Yakov Eliashberg



ABSTRACT:

There exists a large class of geometric problems which exhibit an amazing degree of flexibility. One says that such problems satisfy the h-principle. One famous example is the inside-out eversion of the 2-sphere in standard 3-space. In the lecture, I will discuss this and other examples, as well as some methods of proving the h-principle, and will show fragments of the video “Outside-In.”

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