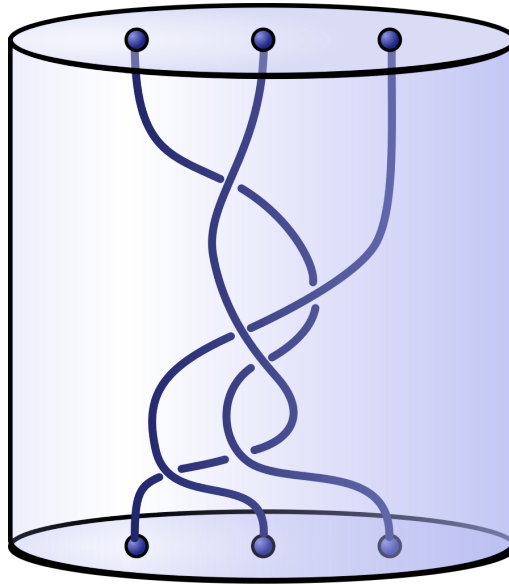


Braid Groups

Undergraduate Math Club
CORNELL UNIVERSITY



SPEAKER

Kabir Kapoor

ABSTRACT

The braid group \mathbf{B}_n is the group whose elements are braids running vertically in 3-space (as pictured above), the group operation being concatenation. Braid groups show up all over the place, from knot theory, to operator algebras, to robotics. We will discuss several equivalent ways of thinking about these groups and then present some applications.

OCT 29 at 5:15pm

Malott 532 ★ Refreshments