

Knots & Magic

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Abstract

Magic isn't real; I haven't believed so since I was young, but I've been unable to concretely prove that it's impossible even after repeatedly witnessing magic shows on the TV. Until recently! When instead of trying to become a mage, I now have the power of math to de-spell the fraud I've seen. And after this lecture, so will you! With the power of Knots!

Content

This seminar will be a sort of trailer into the subject of knot theory where the knowledge gained will be directly applied to real scenarios with specifically the theme of tackling magic tricks.

Prerequisites

The content assumes basic knowledge of group theory with knowledge of free groups.

