

Open problems in Knot Theory which everyone can try to solve

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L02 Carson Hall, 4:00 pm
(Tea 3:30 pm Math Lounge)

Abstract

In its long history, knot theory abounds with elementary open problems. One of them, recently solved, was the Montesinos-Nakanishi 3-move conjecture. We start by discussing the history of this problem and the story of its solution. But the story does not end with the solution. The Nakanishi 4-move conjecture still remains open. We will discuss this and many other related elementary problems. Maybe you can solve one of them?

This talk will be accessible to graduate students and advanced undergraduates.