



THE DEPARTMENT OF MATHEMATICAL SCIENCES PROUDLY PRESENTS

COLLOQUIUM

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An Introduction to the Mathematical Theory of Knots

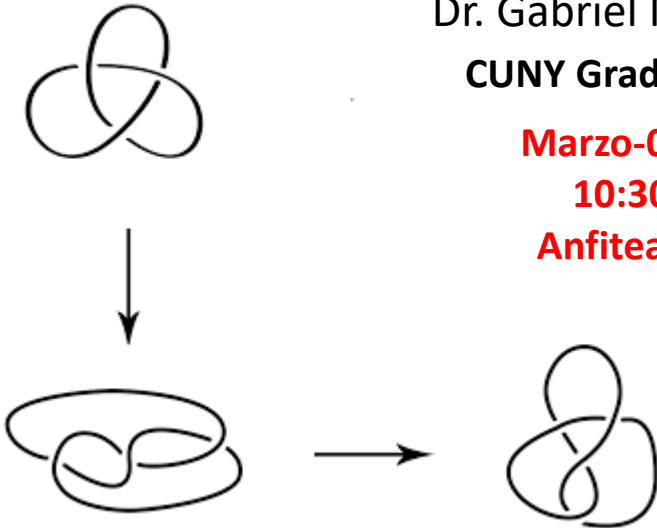
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CUNY Graduate Center

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10:30 am

Anfiteatro FB



Historically originated as a sub-field of topology, knot theory is currently a very active area of mathematical investigation. Besides having a high independence, the theory also enjoys strong connections with other areas such as combinatorics, statistical mechanics, and algebra. In this talk we are going to take a look at the historical origins of the theory up to introducing the notion of invariants of links. We explore the Kauffman bracket polynomial and see how from it a powerful homology theory can be constructed.

