DEPARTMENT OF MATHEMATICS

Spring 2024 MATH Colloquium Series

Module Categories: Why We Care, and How to Find Them

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Many abstract algebraic objects have manifestations as symmetries of other concrete objects. Fields have vector spaces, rings have modules, and groups have representations. There is lots of theory devoted to the study of such manifestations. In this talk we will explore manifestations of a more exotic algebraic object: tensor categories. We call these manifestations module categories. We will discuss motivations for studying module categories, and one method of constructing them.

Mar. 21, 2024
THURSDAY

4:00 PM
BSS#166

FOR MORE INFO GO TO HTTPS://MATH.HUMBOLDT.EDU/GET-INVOLVED/MATHEMATICS-COLLOQUIUM

WE CORDIALLY INVITE YOU TO THE PRE-COLLOQUIUM TEA IN BSS#312 AT 3:30 PM