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REPRESENTATION THEORY AND GEOMETRY

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Abstract

One of the most fundamental questions in representation theory asks for a description of the simple representations. I will give an introduction to this problem with an emphasis on the representation theory of Lie groups and algebras. A recurring theme throughout the history of the subject is the appearance of geometric techniques in seemingly algebraic problems.

Geordie Williamson is this year's Cahit Arf lecturer in METU Mathematics Department. We warmly thank METU Mathematics Department for their cooperation.

Date : Tuesday, September 24, 2019

Time: 14:00

Place: IMBM Seminar Room, Boğaziçi University South Campus