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FLAG MANIFOLDS: REPRESENTATION THEORY AND TWO-DIMENSIONAL SIGMA-MODELS

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Abstract

Flag manifolds are ubiquitous objects in modern theoretical physics. I will discuss how they appear in representation theory (via coherent states), and how these representation-theoretic ideas find natural applications in the theory of spin chains and two-dimensional sigma models.

Date : Tuesday, December 12, 2017

Time: 10:00

Place: IMBM Seminar Room, Boğaziçi University South Campus