
THE WEIZMANN INSTITUTE OF SCIENCE
FACULTY OF MATHEMATICS AND COMPUTER SCIENCE
Algebraic Geometry and Representation Theory Seminar

Room 1 ,Ziskind Building
on Wednesday, Sep 14, 2016at 11:00

Jian-Rong Li Weizmann Institute of Science

Introduction to cluster algebras

Abstract:

Cluster algebras are a class of commutative rings introduced by Fomin and Zelevinsky in 2000. I will give an introductory talk about cluster algebras. The main examples are the cluster algebra of type A_2 , the coordinate ring of SL_4/\mathbb{N} , and the homogeneous coordinate ring of the Grassmannian $Gr_{2,n+3}(\mathbb{C})$.