Mathematics Seminar

The Department of Mathematics is kindly inviting you to attend a math seminar about

Introduction to Model Theory

By Dr. Daoud Siniora

daoud.siniora@gmail.com

Date: Saturday - April 28, 2018

Time: 14:00

Room: S213

Abstract: Model theory is a branch of mathematical logic. It is concerned with studying mathematical structures such as groups, rings, orders, and graphs using formal logic. The term 'model' in model theory stands for a structure which satisfies a collection of properties expressed using a formal language. For instance, any group is a model of the axioms of groups. In this talk, I will give a brief introduction to model theory, and discuss one line of research in the field which studies 'homogeneous' structures.

References: D. Marker, Model theory: an introduction. Graduate texts in mathematics, 2002.

Faculty members, undergraduate and master students are welcome to attend.