

ALGEBRA SEMINAR

Introduction to group representations, II

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ABSTRACT: In the first lecture, I introduced the basic concepts of group representation theory: linear representation of a group, the character of a representation, equivalence (or isomorphism) of representations, and irreducibility. I will start the second lecture by giving some more historical background and by discussing the special role of “permutation representations”. Then I will state some fundamental results concerning linear representations of finite groups over the complex numbers and illustrate them by means of examples or waving of my hands.

MONDAY, NOVEMBER 2, 2009
1:40 – 2:30 PM
ROOM 617, WACHMAN HALL
DEPARTMENT OF MATHEMATICS