

# ALGEBRA SEMINAR

## *Introduction to group representations, II*

Martin Lorenz  
Temple University

ABSTRACT: In the second lecture of this introductory mini-course on the representation theory of finite groups, I plan to state some fundamental results and illustrate them with examples. Much of the rest of the mini-course will then focus on the symmetric groups  $S_n$  whose representation theory has a nice combinatorial flavor.

Time permitting, I might end the series of lectures with a brief outlook into the newly emerging field of “quantum groups”.

MONDAY, OCTOBER 28, 2013  
1:40 – 2:30 PM  
ROOM 617, WACHMAN HALL  
DEPARTMENT OF MATHEMATICS