

# ALGEBRA SEMINAR

## *Representations of $S_n$ : the method of Okounkov & Vershik, II*

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ABSTRACT: In the second lecture, I will finish the proof of the Branching Theorem. Then I plan to discuss the following topics: (1) the branching graph, (2) Gelfand-Zetlin bases and (3) the Gelfand-Zetlin subalgebra of  $\mathbb{C}S_n$ .

MONDAY, FEBRUARY 14, 2011  
1:40 – 2:30 PM  
ROOM 617, WACHMAN HALL  
DEPARTMENT OF MATHEMATICS