

University of Delaware  
Department of Mathematical Sciences



Noga Alon is a Baumritter Professor of Mathematics and Computer Science in Tel Aviv University, Israel. He received his Ph. D. in Mathematics at the Hebrew University of Jerusalem and had visiting positions at MIT, the Institute for Advanced Study in Princeton, IBM Almaden Research Center, Bell Laboratories, Bellcore and Microsoft Research.

Noga Alon serves on the editorial boards of more than a dozen international technical journals and has given invited lectures in many conferences and plenary addresses in the 1996 European Congress of Mathematics and in the 2002 International Congress of Mathematician. He published four hundred and fifty research papers and one book.

His main contributions include the study of expander graphs, derandomization techniques, streaming algorithms and algebraic and probabilistic methods in Discrete Mathematics.

**Special Discrete Mathematics  
Seminar**

**Noga Alon**

Tel Aviv University and IAS,  
Princeton

*Will present the  
Lecture*

**The Chromatic Number of  
Random Cayley Graphs**

**Tuesday, October 25, 2011  
3:45 - 4:45 PM  
GORE 318**

**The study of random Cayley graphs of finite groups is related to the investigation of expanders and problems in combinatorial number theory. I will discuss this topic, focusing on the question of estimating the chromatic number of a random Cayley graph of a given group with a prescribed number of generators.**

For more information, see [www.math.udel.edu](http://www.math.udel.edu)

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