KOÇ UNIVERSITY

Science – Math Seminar

Speaker: Azer Kerimov
Department of Mathematics
Bilkent University

Date: Thursday, June 2, 2005
Time: 16:45 (Tea and cookies will be served at 16:30)
Place: Science Building, Room Z42

Title: Mathematical description of an equilibrium state of a
physical system consisting of large number of interacting
components: Gibbs measures and phase transitions

Abstract:

In this talk we deal with "spatial random models with interaction" : systems of infinitely many random variables attached to the vertices of a lattice and depending on each other according to their positions. The theory of these models is a rapidly growing branch of probability theory developed with the aim of understanding the cooperative effects in large random systems.

Please visit http://sci-math.ku.edu.tr/ for a schedule of upcoming Science - Math seminars.