Colloquium

Roger E. Howe

Yale University

Friday, October 26, 2012 at 3 pm in Bell Hall 143

Dual Pairs, Theory and Applications

A pair (G, G') of subgroups of a group H is called a "dual pair" if each of G and G'is the full centralizer of the other inside H. It has been found that this simple idea is implicated in a large number of phenomena, including invariant theory, mathematical physics, special functions, number theory, etc.This talk will give a brief introduction to the setting in which dual pairs have been applied, and a survey of some of the applications.

For further information, please contact Dr. Emil Schwab, eschwab@utep.edu
Refreshments will be served in front of the colloquium room,
15 minutes before the start of the colloquium.