ALGEBRA SEMINAR

Molecular vibration: group representation theory in chemistry and physics, VI

Martin Lorenz
Temple University

ABSTRACT: First, I will finish the example of a pair of coupled pendulums that I started last time. Then I will (finally) return to molecules and their point groups. I will show how group representation theory helps in finding the normal modes of vibration and the characteristic frequencies.

MONDAY, MARCH 22, 2010
1:40 – 2:30 PM
ROOM 617, WACHMAN HALL
DEPARTMENT OF MATHEMATICS