

# ALGEBRA SEMINAR

## *Molecular vibration: group representation theory in chemistry and physics, V*

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ABSTRACT: Now that the equations of motion for the harmonic oscillator in several degrees of freedom have been derived, the remaining talks will address the issue of their solution. Group representation theory has been used with great success in order to facilitate this task.

MONDAY, MARCH 15, 2010  
1:40 – 2:30 PM  
ROOM 617, WACHMAN HALL  
DEPARTMENT OF MATHEMATICS