

# TEMPLE UNIVERSITY

# MATH CLUB

*What do physics, geometry, and complex analysis have in common?*

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ABSTRACT: While mathematics is being used routinely to solve problems in physics, the converse direction has been very little explored. Have you ever used the physics laws of motion to solve problems in geometry? How about complex numbers?

This talk, intended for a general audience (no sophisticated mathematics background assumed), is aimed at exploring unexpected connections between various branches of mathematics and physics with applications to geometry.

WEDNESDAY, SEPTEMBER 21, 2011  
REFRESHMENTS FROM 3:45  
TALK: 4:00 – 4:50 PM  
ROOM 617, WACHMAN HALL  
DEPARTMENT OF MATHEMATICS