
SPECIAL MATH CLUB LECTURE
5PM, 8 November 2007, 232 Lockett

**Conservation of Momentum:
Euclid, Newton and Noether**



Professor James Madden
Department of Mathematics
Louisiana State University

Abstract: The key idea of Euclid's proof that triangles with equal bases and equal heights have the same area was used by Newton to prove the conservation of angular momentum. At a deeper level, both proofs are about symmetry. This talk tells the story of all of this—and more.

All undergrads are invited. Refreshments will be provided.
