



Rotating Bodies and Angular Momentum

How does an ice skater rotate so effortlessly on ice? What are the forces at play? How do they keep spinning? And more importantly, how do they stop? The tracks on this album use a variety of sports ranging from Ice Skating to the Highland Games to illustrate the nature of rotating bodies, looking in turn at torques, angular momentum and the moment of inertia. This material makes up part of the course MST209, Mathematical methods and models.