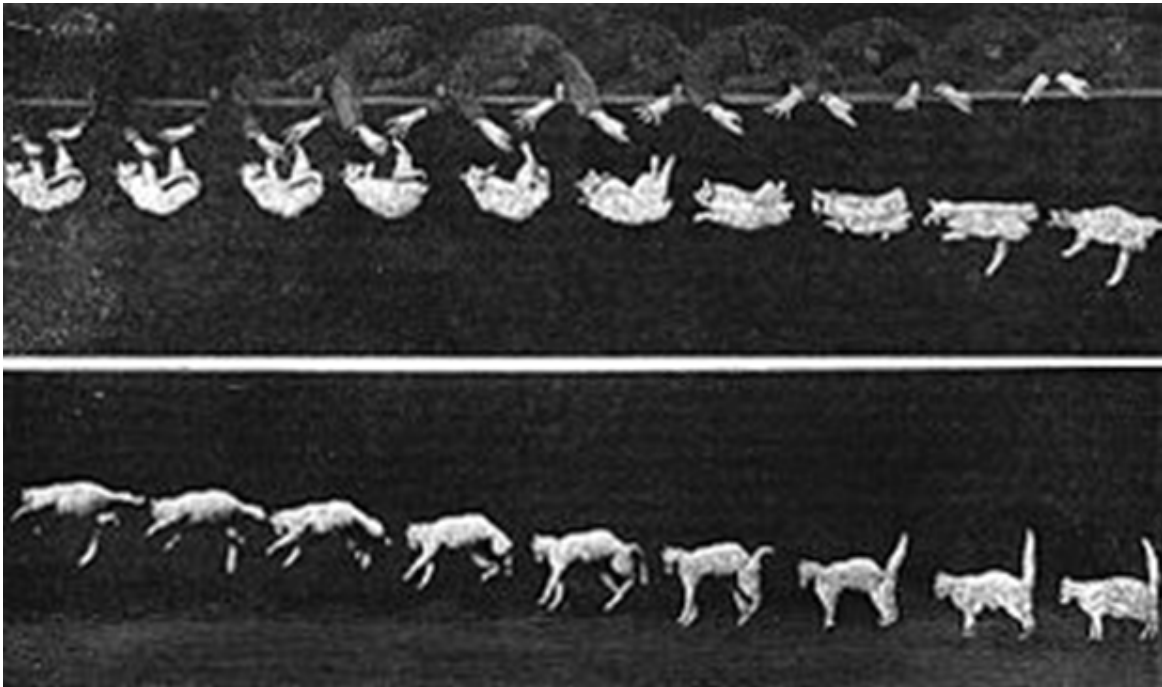


# The Falling Cat Problem

Undergraduate Math Club  
CORNELL UNIVERSITY



## SPEAKER

Rebecca Jiang

## ABSTRACT

A falling cat tends to land on its feet, if given enough time, even for non-upright, non-rotating initial conditions. This poses an apparent paradox. The cat has access to no external torques, and therefore angular momentum is conserved and zero during the cat's fall. How can the cat flip itself over?

**APR 22 at 5:15pm**

**Malott 532 ★ Refreshments**