

*Department of Mathematics and Statistics
Colloquium Lecture Series*

*Walt Tape
University of Alaska Fairbanks*

The Snub Cube



I encountered this sculpture recently in California and had a lot of fun thinking about it. The polyhedron is known as a snub cube, but what does it have to do with a true cube? What are its symmetries, for example?

None of what I will say is new. The snub cube was discussed by Kepler in *Harmonices mundi* in 1619, and it may go back even to Archimedes. Still, there may be some surprises if you have not thought about the snub cube before. I hope you enjoy it as much as I have.

This talk is for a low brow audience and a low brow speaker.

*Thursday, February 21st, 2008
Chapman 106
1:00 – 2:00 p.m.*

Refreshments after the talk in Chapman 101A