



2009
UCCS Math
Colloquium Series

Thursday, Sept 24, 2009

12:30-1:30 p.m.

UC 307

Refreshments at 12:15 pm

Dr. Bob Carlson

University of Colorado at Colorado Springs

Harmonic Analysis for Star Graphs
and the Spherical Coordinate
Trapezoidal Rule

Abstract:

A modern point of view blending differential equations and graph theory brings a new perspective and some new results to a very, very classical problem which still attracts modern interest. The problem is to understand the performance of the trapezoidal rule for numerical integration on the two sphere, using spherical coordinates.

Students are encouraged to participate