



PURDUE UNIVERSITY

Department of Mathematics Colloquium

Speaker: Professor Gunther Uhlmann, UW-Seattle
Title: "Invisibility for Electromagnetic Waves via Singular Riemannian Metrics"
Date: Tuesday, November 14, 2006
Time: 4:30 P.M.
Place: MATH 175

Abstract

There has been considerable interest in the possibility, both theoretical and practical, of shielding (or "cloaking") a region or object from detection via electromagnetic waves. We will discuss several results describing how to cloak an object or region using singular Riemannian metrics.

Refreshments will be served in the Math Library Lounge, 4:00 P.M.