Invisibility for electromagnetic waves via singular Riemannian metrics

Gunther Uhlmann
(UW)

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.

For more information about this seminar, visit the DG/PDE Seminar Web page (from the Math Department home page, www.math.washington.edu, follow the link Seminars, Colloquia, and Conferences).

The University of Washington is committed to providing access, equal opportunity and reasonable accommodation in its services, programs, activities, education and employment for individuals with disabilities. To request disability accommodation contact the Disability Services Office at least ten days in advance at: 206-543-6450/V, 206-543-6452/TTY, 206-685-7264 (FAX), or dso@u.washington.edu.