DIFFERENTIAL GEOMETRY/PDE/IP SEMINAR

WEDNESDAY, OCTOBER 22, 2008
PADELFORD C-36
3:45–5PM

Reshape an Obstacle

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We consider reshaping a scattering obstacle virtually by using transformation optics in acoustic and electromagnetic scattering. Both virtual minification and magnification are considered. The limiting case for minification corresponds to a perfect cloaking, i.e., the obstacle is invisible to detection. Some applications are analyzed.

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**).