DIFFERENTIAL GEOMETRY/PDE SEMINAR

WEDNESDAY, OCTOBER 21
COMMUNICATIONS 228
3:45 PM

Precise Spectral Asymptotics for Neumann Laplacian in Domains with Cusps

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We consider the Neumann Laplacian in domains with ultrathin cusps (with $\exp(-|x|^{m+1})$-width ($m > 0$)) and recover eigenvalue asymptotics with accurate remainder estimate.

For more information about this seminar, view the Differential Geometry/PDE Seminar World-Wide Web page at `http://www.math.washington.edu/DGPDE/dg.html` or from the **Seminars, Colloquia, and Conferences** section of the Math Department home page.