DIFFERENTIAL GEOMETRY/PDE SEMINAR

Wednesday, February 2, 2005

Padelford C-36

3:50 pm

Degenerate second order operators and Sub-Riemannian geometry

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The geodesic flow on a Riemannian manifold plays an important role in the analysis of non-degenerate second order linear partial differential operators. For several degenerate operators Sub-Riemannian geodesics play an analogous role, but the structure is much more involved. Both real and complex approaches are considered and compared.

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**).