DIFFERENTIAL GEOMETRY/PDE SEMINAR

WEDNESDAY, AUGUST 17, 2005
PADELFORD C-401
1PM

Maximal operators associated to space curves

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In this work joint with Andreas Seeger we define the analogue of Bourgain's circular maximal function for curves in $\mathbb{R}^3$, and derive its L^p bounds. The proof relies on a deep estimate of Wolff associated to light cones.

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**).

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