THE UNIVERSITY   **OF HONG KONG**

Geometry Seminar

Special Discrete Series Representations

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Abstract

Discrete series representations are important for harmonic analysis on semisimple Lie groups and their homogeneous spaces. They are closely related to the geometry, as well as the analysis, on those spaces. This is well known for the holomorphic discrete series and the bounded symmetric domains. I'll describe a larger family (the "Borel – de-Siebenthal discrete series") and its geometric setting.

Date:	March 1, 2010 (Monday)
Time:	4:15 - 5:15pm
Place:	Room 210, Run Run Shaw Bldg., HKU

All are welcome