THE UNIVERSITY   **OF HONG KONG**

Institute of Mathematical Research
Department of Mathematics

Geometry Seminar

Holomorphic isometries with respect to the Bergman metric II

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Abstract

We will complete the proof of algebraic extension of graphs of holomorphic isometries between bounded domains when the Bergman kernels are algebraic. We will give examples of holomorphic isometric embeddings of the Poincaré disk which fail to be totally geodesic, and study the asymptotic behavior of second fundamental forms.

Date:	November 11, 2008 (Tuesday)
Time:	3:00 – 4:00pm
Place:	Room 517, Meng Wah Complex, HKU

All are welcome