

THE UNIVERSITY



OF HONG KONG

*Institute of Mathematical Research
Department of Mathematics*

GEOMETRY SEMINAR

On Complex Hilbert Metric

Dr. Guangyue Han
The University of Hong Kong

Abstract

Hilbert metric, introduced by David Hilbert, is an explicitly defined distance function on real positive projective space. I will talk about complex generalizations of real Hilbert metric, and their applications in Information theory, Dynamical system and Perron-Frobenius Theory.

Date: April 30, 2010 (Friday)

Time: 3:00 - 4:00pm

Place: Room 210, Run Run Shaw Bldg., HKU

All are welcome