THE UNIVERSITY   **OF HONG KONG**

Institute of Mathematical Research
Department of Mathematics

GEOMETRY SEMINAR

On a family of compact algebraic strongly pseudoconvex hypersurfaces not embeddable into a fixed sphere

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Abstract

It is an open question in Complex Analysis of Several Variables to construct a compact algebraic strongly pseudoconvex hypersurface which is not embeddable into any sphere. In this talk we discuss the construction of a family of compact algebraic strongly pseudoconvex hypersurfaces which can not be embedded into any fixed sphere. This is a joint work with Xiaoshan Li and Ming Xiao.

Date: August 12, 2014 (Tuesday)

Time: 3:00 – 4:00pm

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

All are welcome