

THE UNIVERSITY



OF HONG KONG

*Institute of Mathematical Research
Department of Mathematics*

Working Seminar on Several Complex Variables and Complex Geometry

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The University of Hong Kong

April 27, 2015 (Monday), 2:00 – 3:30pm

Room 210, Run Run Shaw Bldg., HKU

Subvarieties of generic complete intersections

Abstract

I am going to present a result by Prof L. Ein: Let X be a generic complete intersection in P^n of type (m_1, \dots, m_k) . Then any subvarieties of X are of general type if $m_1 + \dots + m_k \geq 2n - k + 1$. In particular, there are no rational curves on X .

All are welcome