Department of Mathematics
The Chinese University of Hong Kong

數學系
香港中文大學

Seminar

Approximation schemes for the optimal Poincaré inequality

Professor Ryan Hynd

Department of Mathematics, University of Pennsylvania

Abstract: We present discrete and continuous time flows that can be used to approximate optimal constants and functions for which equality holds in Poincaré's inequality. If time permits, we show how these methods extend to other familiar Sobolev inequalities.

Date: 7 March 2016 (Monday)
Time: 1:30 p.m. –2:30 p.m.
Venue: Room 222, Lady Shaw Building
          The Chinese University of Hong Kong, Shatin

All are Welcome!