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Joint Geometric Analysis Seminar

*The isoperimetric inequality for
minimal surfaces in R^3 (Part III)*

Prof. Jaigyoung Choe
Korea Institute for Advanced Study

Abstract

We will find some sufficient conditions for flat surfaces to satisfy the classical isoperimetric inequality. Then it will be shown that a minimal surface in R^3 gives rise to two flat surfaces. And we will study when the sharp isoperimetric inequality for the minimal surface follows from that of the two flat surfaces. (joint with R. Schoen)

Date: 13 March 2019 (Wednesday)
Time: 11:00am – 12:00noon
Venue: Room 502a, Academic Building No.1 ,
The Chinese University of Hong Kong, Shatin

All are Welcome