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Seminar

Surface geometry and general relativity

Professor Mu-Tao Wang
Department of Mathematics, Columbia University

Abstract: Many classical results regarding surfaces in the 3-dimensional Euclidean space such as Weyl's isometric embedding problem and the Minkowski inequality have their counterparts for surfaces in spacetime. These generalizations are not only of mathematical interest, but also of physically relevant importance. They are closely related to fundamental concepts such as gravitational energy and Cosmic censorship in general relativity. In my talk, I shall discuss some recent developments in these directions.

Date: 18 March 2016 (Friday)
Time: 2:30 p.m. – 3:30 p.m.
Venue: LT4, Lady Shaw Building
            The Chinese University of Hong Kong, Shatin

All are Welcome!