



Mathematical Sciences Research Institute

“A splitting theorem for complete manifolds.”

Monday, April 16, 2007

4:10pm

60 Evans Hall

University of California, Berkeley

Dr. Jiaping Wang (University of Minnesota)

Abstract:

A complete manifold with nonnegative curvature must split off a line if it contains a line. This result of Cheeger and Gromoll has many important consequences in geometry. We will discuss a similar splitting phenomenon for manifolds with negative curvature lower bound.

Refreshments at a nearby establishment immediately following the talk!

*The purpose of these lectures is to introduce the present year's research programs at MSRI to the mathematical sciences community in Berkeley. The talks will be **expository and nontechnical**, providing some of the flavor of ongoing research at MSRI.*

Graduate students and Postdoctoral Fellows are particularly invited to attend these lectures.

Further information and links to the MSRI program and workshop web pages are available at:

<http://www.msri.org>