The notion of mass in general relativity and Riemannian geometry.

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Abstract

We will briefly review Einstein's theory of general relativity and the concept of the total mass of an isolated gravitational system. We will then discuss the Positive Mass Theorem of Schoen–Yau and Witten, followed by some modern advances in our understanding of mass.

Wednesday, 27 February 2013
4:00 pm
Smith Hall 204
Tea and refreshments will be served at 3:45pm.

http://math.newark.rutgers.edu/~xiaowwan/Colloquium/