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Colloquium

The general 4-dimensional light bulb theorem

Professor David Gabai
Princeton University

Abstract

We discuss the theorem that in a compact 4-manifold that has no 2-torsion, homotopy implies smooth isotopy for smooth embedded 2-spheres with a common embedded transverse sphere. By transverse sphere we mean a sphere with trivial normal bundle that intersects each of the other spheres transversely exactly once.

Date: 18 December 2018 (Tuesday)
Time: 2:00pm - 3:00pm
Venue: Room 222, Lady Shaw Building,
          The Chinese University of Hong Kong, Shatin

All are Welcome