SCMS Seminar

A GAP THEOREM ON COMPLETE SHRINKING GRADIENT RICCI SOLITONS

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Lecture

Time: 14:00-15:00, Friday, Apr. 27, 2018

Venue: Room 2201, East Main Guanghua Tower, Handan Campus

Abstract: In this talk, we will talk about a gap theorem on complete shrinking gradient Ricci solitons（SGRS）. For any complete SGRS with sectional curvature bounded from above by a positive constant K and f-volume bounded from below by a positive constant v, then there exists a uniform constant A depending only on K, v and the dimension of the manifold, if the scalar curvature less than A, the SGRS must be Gaussian soliton (that is Euclidean space with flat metric).

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