SCMS Seminar

SOME INEQUALITIES AND RIGIDITY ON GRADIENT SHRINKING RICCI SOLITONS

Speaker: Jianyu Ou
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Time: 15:30-16:00, Wednesday, October 16th, 2019
Venue: Room 106, SCMS

Abstract:

In this talk I will show a rigidity theorem for gradient shrinking Ricci solitons supporting the Heisenberg-Pauli-Weyl uncertainty principle with the sharp constant in R^n. I will give a brief introduction to Ricci soliton, and then talk about the obtained result. Finally, I will talk about my future works to study gradient shrinking Ricci solitons.