



Geometry Session

Ends of ρ -Einstein solitons

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Wednesday, February 7, 2024.
14h40 - 15h20

Math Department - SALA B

Abstract.

In this talk we show shrinking ρ -Einstein solitons are connected at infinity, if $\rho \in [0, 1/2(n-1))$ and provided we assume a certain bound on the scalar curvature. We also discuss the ends structure when $\rho = 1/2(n-1)$. These results were obtained in joint works with H. A. Rosero-García - UnB and J. P. dos Santos - UnB.

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