

Geometry Seminar

Speaker:

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Monday, March 19, 2018

1:00 p.m., HH-3013

Uniqueness theorems for static solutions of the Einstein-Maxwell system (II)

Abstract:

Having introduced the necessary background on stationary, asymptotically flat solutions of the Einstein-Maxwell equations, in the second talk I will give a sketch of a uniqueness theorem for static solutions of the above class. This shows in particular that static gravitational solitons (globally regular asymptotically flat solutions with finite energy) do not exist.