On Lovelock Vacuum Solutions

Naresh Dadhich

Inter-University Centre for Astronomy & Astrophysics, Post Bag 4, Pune 411 007, India

E-mail: nkd@iucaa.ernet.in

Abstract

We show that the asymptotic larger r limit of all Lovelock vacuum and electrovac solutions with Λ is always the Einstein solution in $d \ge 2n + 1$ dimensions. It is completely free of the order n of the Lovelock polynomial indicating universal asymptotic behaviour.

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