

Models of Inflation in Supergravity

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In supergravity, the construction of viable models of inflation is challenging due to the so-called η -problem, which states that the flatness of the inflaton potential is typically spoiled by supergravity corrections. We discuss strategies to overcome this problem and how they can be applied to classes of inflationary models. In this context, we also propose a new class of models, referred to as tribrid inflation, which is particularly suitable for solving the η -problem using either a Heisenberg symmetry or a shift symmetry of the Kaehler potential.

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