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Supersymmetric Moduli Stabilization and Inflation

Thursday 29 May 2014 15:30 (20 minutes)

We analyze the corrections to various F-term inflation models induced by a supersymmetrically stabilized Kähler modulus. We present general expressions for both small-field and large-field (chaotic) inflation models. Furthermore, we investigate the implications and constraints of supersymmetry breaking after inflation.

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