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# On the Effective Description of Large Volume Compactifications

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We study of the reliability of the Two-Step moduli
stabilization in the context of type-IIB string compactifications,
developing a compact manifold volume with exponential values. The
general arguments are understood trough the so called factorizable
models of N=1 SUGRA, where the decoupling between two field
sectors is easily understood despite the lack of a mass hierarchy.
It is shown that the simplified version, where the Dilaton and
Complex structure are regarded as completely frozen, is a reliable
SUSY description, missing only term suppressed by powers of the
volume, and/or are higher order operators in the matter fields
irrelevant for moduli stabilization issues. This provided the
frozen fields are neutral and fixed by the leading F-flatness
solutions.

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