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Inflation, dark energy and dark matter in supergravity

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A theoretical description of cosmological inflation, dark energy (cosmological constant) and dark matter in supergravity is non-trivial. I review the standard procedures and propose the new ones based on recent developments in supergravity theory. Phenomenological aspects of dark matter in high-scale SUSY breaking scenario are also briefly discussed.

P.S. Based on recent publications of myself with collaborators, see http://inspirehep.net/search?p=find+a+ketov P.P.S. My talk may be also suitable for Field Theory & String Theory

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