

Inflation, dark energy and dark matter in supergravity

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We review some recent developments in describing cosmological inflation, dark energy, dark matter and primordial black holes in supergravity. Their relations to string cosmology on the one side, and to reheating after inflation, on the other side, are also outlined. Open problems of the theory are emphasised too.

Literature: our papers in arXiv:1708.05393, 1703.08993, 1701.08240, 1701.02450, 1607.05293, 1607.05366, 1606.02817, 1510.03524, 1509.00953, 1408.6524, 1406.0252, 1309.7494.

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