

Cosmological attractors and inflationary scenarios with many scalar fields

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The idea of a cosmological attractor is based on the observation that in many models the kinetic term in Jordan frame practically does not affect the slow-roll parameters during inflation. In the case of many scalar fields, the use of this observation gets a possibility to construct a one-field inflationary model that approximates the original multifield model. In the talk, the examples of such multifield models based on supersymmetric theories of particles will be presented.

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