

Observational Signatures of Cosmological Stasis

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Cosmological stasis is a phenomenon wherein the abundances of multiple cosmological energy components with different equations of state remain constant for an extended period despite the expansion of the universe. In this talk, I discuss the possible observational implications of this phenomenon. These include characteristic imprints in the stochastic gravitational-wave background and an enhanced growth of perturbations in the density of matter on small scales.

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