

Primordial Fluctuations and Rare Objects in the Universe

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I will discuss an intermittent type of primordial non-Gaussianity that arises from modulated preheating models and inflationary models with non-perturbative features. The non-Gaussianity has little impact on global statistics of the Universe. It produces or helps produce rare objects, such as CMB cold/hot spots and super-massive black holes at high redshift. The environment of rare objects may be used to distinguish the model from statistical flukes.

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