



Contribution ID : 63

Type : **not specified**

Cosmological perturbations beyond the linear order

Friday, 23 September 2022 12:20 (20)

In this talk I will present the specific solution to the second-order cosmological perturbation theory. For the background I will consider any Friedmann-Lemaître-Robertson-Walker model filled with a dust, and a positive cosmological constant. The presented model is a generalization of the previous results obtained with Krzysztof Głód where the background was the Einstein-de Sitter spacetime. Here, I investigate the case of the spatially non-flat background and a positive cosmological constant.

Presenter(s) : SIKORA, Szymon (Jagiellonian University)