

Gauge Invariant Perturbation Theory via Homotopy Transfer

Friday, 24 September 2021 15:45 (30 minutes)

I will discuss how to express perturbation theory in terms of gauge invariant variables to all orders in perturbations, by using homotopy transfer and the homological perturbation lemma. Then I will demonstrate how this method is applied in cosmological perturbation theory.

Presenter: PINTO, Allison F.