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On the non-linear scale of cosmological perturbation theory

Wednesday 16 April 2014 15:30 (30 minutes)

I discuss the use of perturbative methods to study the evolution of matter fluctuations in the context of large scale structure formation. After an short introduction, I compare several techniques in perturbation theory as renormalized perturbation theory, the eikonal approximation and Pade resummation.

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