

notes

Eulerian approx - Lagrangian approx

15th June 2020

Basic reading

Dodelson ch-7. Inhomogeneities : reproduce the plot in figure 7.11 using the BBKS transfer function - read the whole chapter and reproduce other plots.

Advanced reading

Read the introduction of <https://arxiv.org/pdf/1706.09906.pdf> and summarize it.

Try N-body sims

Do a particle mesh code following the tutorial by Andrey Kravstov <https://astro.uchicago.edu/~andrey/Talks/PM/pm.pdf>