Redshift space distortions and interacting dark sector models

We have proposed cosmological scenarios with interaction in the dark sector as a means of alleviating the coincidence problem. Now we want to test the validity of our models and constrain their parameters through recent observational data such as Planck Collaboration, H(z), supernovae and Redshift Space Distortions. Here we present a brief review of the linear theory of redshift space distortions and their related observables for cosmology.

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