
Line intensity mapping as a probe of primordial non-Gaussianity

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Abstract

I will briefly discuss prospects of constraining primordial non-Gaussianity with line intensity mapping. In particular I summarize the survey characteristics which is capable of constraining local non-Gaussianity at the precision level of $\sigma_{\text{fnl}} \sim 1$. I will also briefly discuss the potential of cross-correlation with galaxy surveys and other lines to improve upon the constraints from a single line.

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