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Is H_0 a constant in Lambda-CDM cosmology?

Tuesday 14 March 2023 15:00 (1h 20m)

There are persistent tensions in flat LCDM cosmology, most notably H_0 and S_8 tension. Modifications of the flat LCDM model designed to alleviate one tension typically exacerbate the other. Returning to basics, I will argue why evolution of cosmological parameters with effective redshift is expected in LCDM cosmology. I will review observations supporting this claim.

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