

Theoretical Cosmology

Lecture course – Sommersemester 2023



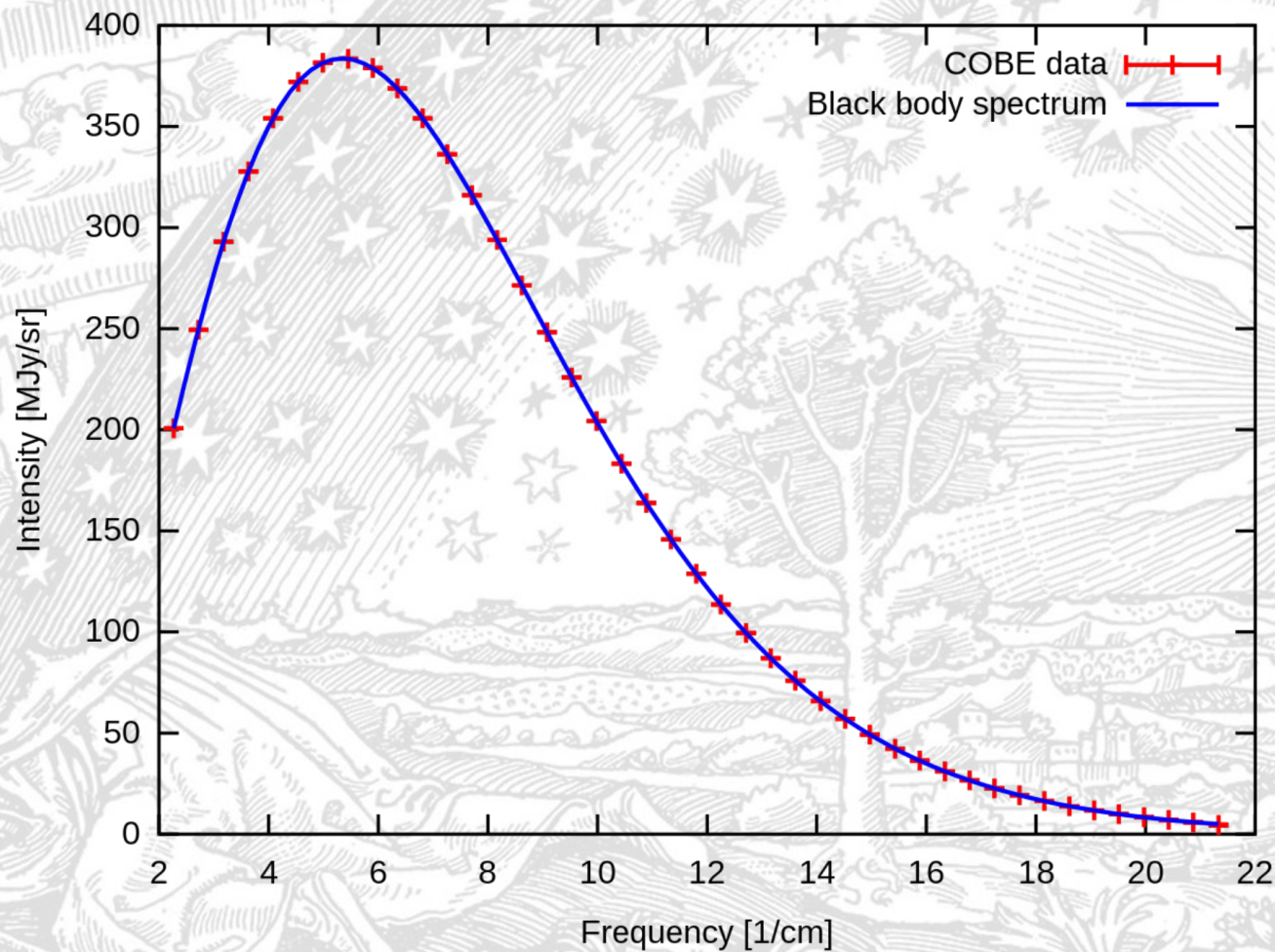
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TTP - KIT

Evaluation



CMB spectrum

Cosmic microwave background spectrum (from COBE)



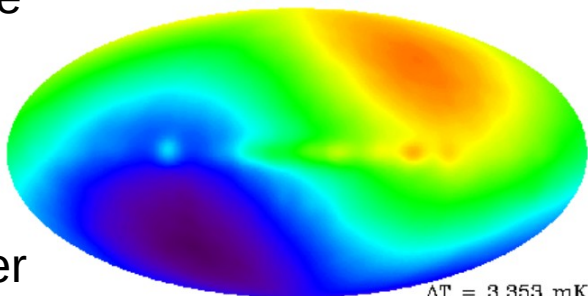
CMB anisotropies

Monopole



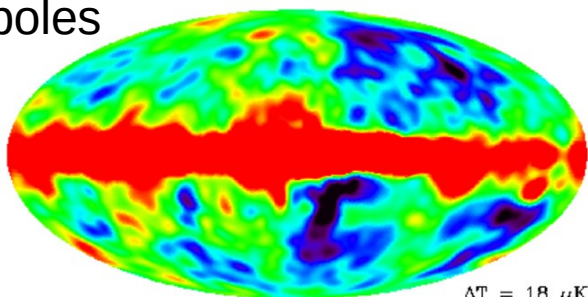
$T = 2.728 \text{ K}$

Dipole

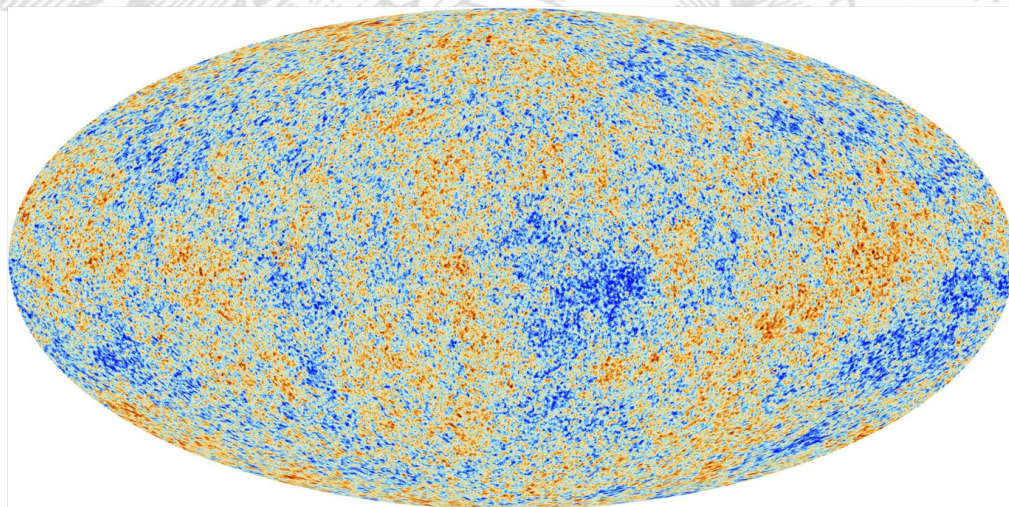


$\Delta T = 3.353 \text{ mK}$

Higher multipoles



$\Delta T = 18 \text{ } \mu\text{K}$



Galactic foregrounds removed

