

On the Large Scale CMB Polarization

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We discuss the large scale polarization of the cosmic microwave background induced by the anisotropy of the spatial geometry of our universe. Assuming an eccentricity at decoupling of about $0.64 \cdot 10^{-2}$, we find an average large scale polarization $\Delta T_{\text{pol}}/T_0 = (0.5 - 1.0) \cdot 10^{-6}$. We suggest that the forthcoming polarization data at large scales from Planck will be able to discriminate between our proposal and the generally accepted reionization scenario.

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