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Parity odd CMB power spectrum via helical magnetic field.

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In this work we compute the temperature-polarization correlations ($C_l(TB)$ and $C_l(EB)$) in the cosmic microwave background (CMB) generated by the presence of causal primordial magnetic fields with a helical contribution. We analyze the effect of an infrared cutoff in the power spectrum of causal fields on the cross-correlation and we compare our result with previous work.

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