

## Explanation for the Anisotropies at Small and Medium Angular Scales

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The diffusion approximation (DA) predicts a dipolar anisotropy, but cannot explain the anisotropies at smaller scales. However, the DA is not designed to predict phenomena arising on spatial scales smaller than the cosmic ray mean free path. We demonstrate here that energy-dependent smaller scale anisotropies naturally appear on the sky and reflect the local concrete realization of the turbulent magnetic field within the cosmic ray mean free path.

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