



## **Study of Interplanetary Magnetic Reconnection with Circularly Polarized Light**

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Modern grain alignment theory predicts that Zodiacal dust must be aligned and the scattering of solar light on it should result in circularly polarized light. We analyze the existing circularly polarized data and observe that the pattern of observed polarization can be explained only if substantial deviations from the Parker spiral are present. We conjecture that turbulent magnetic reconnection may influence the observed magnetic field pattern.