

Abstract Submitted  
for the DAMOP15 Meeting of  
The American Physical Society

**Paraxial Full-Field Cloaking** JOSEPH CHOI, The Institute of Optics, University of Rochester, JOHN HOWELL, Department of Physics and Astronomy, University of Rochester — Broadband, omnidirectional invisibility cloaking has been a goal of scientists since coordinate transformations were suggested for cloaking. The requirements for realizing such a cloak can be simplified by considering only the paraxial ('small-angle') regime. We recap the experimental demonstration of paraxial ray optics cloaking and theoretically complete its formalism, by extending it to the full-field of light. We then show how to build a full-field paraxial cloaking system.

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Date submitted: 13 Jan 2015

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