

Optics Letters

DC carpet cloak designed by topology optimization based on covariance matrix adaptation evolution strategy

GARUDA FUJII^{1,*}  AND YOUHEI AKIMOTO²

¹*Institute of Engineering, Shinshu University, 4-17-1 Wakasato Nagano City, 380-8553, Japan*

²*Center for Artificial Intelligence Research, University of Tsukuba, 1-1-1 Tennodai, Tsukuba, 305-8573, Japan*

*Corresponding author: g_fujii@shinshu-u.ac.jp

Received 16 January 2019; revised 18 March 2019; accepted 18 March 2019; posted 22 March 2019 (Doc. ID 357916); published 11 April 2019