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## **Experimental demonstration of a broadband** array of invisibility cloaks in the visible frequency range

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(Submitted on 11 Apr 2012)

Very recently Farhat et al. [1] have suggested that arrays of invisibility cloaks may find important applications in low-interference communication, noninvasive probing, sensing and communication networks, etc. We report on the first experimental realization of such an array of broadband invisibility cloaks, which operates in the visible frequency range. Wavelength and angular dependencies of the cloak array performance have been studied.

Comments: 13 pages, 5 figures Subjects: **Optics (physics.optics)** 

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