

Collective spontaneous emission in a waveguide with a near-zero refractive index

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Abstract

The optimum conditions for observing superradiance and subradiance effects in an ensemble of two-level atoms, placed in a waveguide cladding with a metamaterial with near-zero refractive index, are discussed. © 2014 Allerton Press, Inc.

<http://dx.doi.org/10.3103/S1062873814030216>
