

## Superradiance in media with a near-zero refractive index

Kalachev A., Kocharovskaya O.

*Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia*

---

### Abstract

The dependence of the efficiency of collective spontaneous emission in a spherical medium on the modulus of a complex refractive index approaching zero and on the ordering of optical centers is studied. © Allerton Press, Inc., 2012.

<http://dx.doi.org/10.3103/S1062873812030136>

---