

## Accepted Manuscript

Superradiant cascade emissions in an atomic ensemble via four-wave mixing

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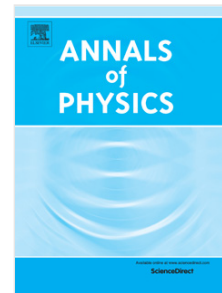
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Dear Editor,

We provide several highlights in the below:

- (1) Superradiance from a cascade atomic transition.
- (2) Correlated photon pair generation via four-wave mixing.
- (3) Dynamical light-matter couplings in a phased symmetrical state.
- (4) Cooperative Lamb shift in a cylindrical atomic ensemble.

Sincerely yours,

H. H. Jen

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