

# SCIENTIFIC REPORTS

## OPEN **Erratum: Tailoring superradiance to design artificial quantum systems**

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This Article contains formatting errors in the labeling of the following Equations,

In Equation 16,

$$\frac{\chi_{\max}}{L_d(\alpha)} = \left( \frac{\lambda_0}{\sqrt[d]{\mathcal{V}}} \right)^{\frac{1}{2}(d-1)+\alpha} \cdot N(N, \mathcal{V})$$

should read:

$$\frac{\chi_{\max}}{L_d(\alpha)} = \left( \frac{\lambda_0}{\sqrt[d]{\mathcal{V}}} \right)^{\frac{1}{2}(d-1)+\alpha} \cdot N \quad (N, \mathcal{V})$$

In Equation 17,

$$= \left( \frac{\lambda_0}{\sqrt[d]{\mathcal{V}}} \right)^{\frac{1}{2}(d-1)+\alpha} \cdot \mathcal{V} \cdot \rho(\mathcal{V}, \rho)$$

should read:

$$= \left( \frac{\lambda_0}{\sqrt[d]{\mathcal{V}}} \right)^{\frac{1}{2}(d-1)+\alpha} \cdot \mathcal{V} \cdot \rho \quad (\mathcal{V}, \rho)$$

In Equation 18,

$$= (\lambda_0 \sqrt[d]{\rho})^{\frac{1}{2}(d-1)+\alpha} \cdot \sqrt[d]{N}^{\frac{1}{2}(d+1)-\alpha} (N, \rho),$$

should read:

$$= (\lambda_0 \sqrt[d]{\rho})^{\frac{1}{2}(d-1)+\alpha} \cdot \sqrt[d]{N}^{\frac{1}{2}(d+1)-\alpha} \quad (N, \rho),$$



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