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Asymmetric conical diffraction in dislocated edge-centered square lattices: erratum

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Abstract: Equations (1) and (2) in [H. Zhong, *et al.*, Opt. Express **26**, 6300-6309(2019)] contain typos which are corrected in this erratum.

We found that there are typos in Eqs. (1) and (2) in [1]. The correct equations are:

$$i\frac{\partial\psi(x,y,z)}{\partial z}+\frac{1}{2}\left(\frac{\partial^2}{\partial x^2}+\frac{\partial^2}{\partial y^2}\right)\psi(x,y,z)+R(x,y)\psi(x,y,z)+g|\psi(x,y,z)|^2\psi(x,y,z)=0, \quad (1)$$

$$i\frac{\partial\psi(X,Y,Z)}{\partial Z}+\frac{5}{18}\left(5\frac{\partial^2}{\partial X^2}+5\frac{\partial^2}{\partial Y^2}-8\frac{\partial^2}{\partial X\partial Y}\right)\psi(X,Y,Z)+R(X,Y)\psi(X,Y,Z)=0. \quad (2)$$

The numerical results and conclusions in [1] remain unchanged.

References

1. H. Zhong, R. Wang, M. R. Belić, Y. P. Zhang, and Y. Q. Zhang, "Asymmetric conical diffraction in dislocated edge-centered square lattices," Opt. Express **27**, 6300–6309 (2019).

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