

CORRECTION

Open Access

Correction: Photonic-dispersion neural networks for inverse scattering problems

Tongyu Li , Ang Chen, Lingjie Fan, Minjia Zheng, Jiajun Wang , Guopeng Lu, Maoxiong Zhao, Xinbin Cheng , Wei Li, Xiaohan Liu, Haiwei Yin, Lei Shi  and Jian Zi 

Correction to: *Light: Science & Applications*
<https://doi.org/10.1038/s41377-021-00600-y>
published online 27 July 2021

After publication of this article¹, it is noticed this article contained an error. In Results section, the equation ‘ $C = |\Sigma |Rd - Rg|2$ ’ in the sentence below should be corrected to ‘ $C = \Sigma |Rd - Rg|^2$ ’.

The difference between the generated response Rg and the detected response Rd (red block) is described with a cost

function, for instance, mean square error $C = \Sigma |Rd - Rg|^2$, reflecting in the fluctuations in parameter space. The original article has been updated.

Published online: 15 September 2021

Reference

Li, T., Chen, A. & Fan, L. et al. Photonic-dispersion neural networks for inverse scattering problems. *Light Sci. Appl.* **10**, 154 (2021).

