

# Erratum

## Erratum to “Luminance Learning for Remotely Sensed Image Enhancement Guided by Weighted Least Squares”

Zhenghua Huang<sup>✉</sup>, Zifan Zhu, Qing An<sup>✉</sup>, Zhicheng Wang, Qin Zhou<sup>✉</sup>,  
Tianxu Zhang, and Ali Saleh Alshomrani

In the above article [1], the model in (1) should be revised as

$$\min_{\mathcal{I}^{\mathcal{B}}} \left\{ (\mathcal{I} - \mathcal{I}^{\mathcal{B}})^2 + \lambda \left( a_x(\mathcal{I}) \left( \frac{\partial \mathcal{I}^{\mathcal{B}}}{\partial x} \right)^2 + a_y(\mathcal{I}) \left( \frac{\partial \mathcal{I}^{\mathcal{B}}}{\partial y} \right)^2 \right) \right\} \quad (1)$$

to be minimized for  $\mathcal{I}^{\mathcal{B}}$ .

### REFERENCES

- [1] Z. Huang *et al.*, “Luminance learning for remotely sensed image enhancement guided by weighted least squares,” *IEEE Geosci. Remote Sens. Lett.*, early access, Jul. 12, 2021, doi: [10.1109/LGRS.2021.3093935](https://doi.org/10.1109/LGRS.2021.3093935).

Manuscript received July 13, 2021; accepted July 13, 2021. Date of current version January 6, 2022. This work was supported in part by the Project of the National Natural Science Foundation of China under Grant 61901309 and Grant 11975172. (*Corresponding author: Qin Zhou.*)

Zhenghua Huang is with the Hubei Key Laboratory of Optical Information and Pattern Recognition, Wuhan Institute of Technology, Wuhan 430205, China, and also with the Artificial Intelligence School, Wuchang University of Technology, Wuhan 430223, China.

Zifan Zhu, Zhicheng Wang, and Tianxu Zhang are with the Hubei Key Laboratory of Optical Information and Pattern Recognition, Wuhan Institute of Technology, Wuhan 430205, China.

Qing An is with the Artificial Intelligence School, Wuchang University of Technology, Wuhan 430223, China.

Qin Zhou is with the School of Electronics and Information Engineering, Wuhan Donghu University, Wuhan, Hubei 430212, China (e-mail: qinzhou@whu.edu.cn).

Ali Saleh Alshomrani is with the Mathematical Modelling and Applied Computation Research Group (MMAC), Department of Mathematics, King Abdulaziz University, Jeddah 21589, Saudi Arabia.

Digital Object Identifier 10.1109/LGRS.2021.3097477