

Open Access

Author Correction: Accuracy characterization of Shack–Hartmann sensor with residual error removal in spherical wavefront calibration

Yi He^{1,2}, Mingdi Bao^{1,2}, Yiwei Chen^{1,2}, Ye Hong^{1,2}, Jinyu Fan^{1,2} and Guohua Shi^{1,2,*}

Correction to: *Light: Advanced Manufacturing*
<https://doi.org/10.37188/lam.2023.036>
Published online 01 December 2023

In the originally published version of this article¹, there were inadvertent reporting errors in Tables 2, 4, and 5. In Table 4, the Group 2 value in the x direction for the tilt angle between the MLA surface and the photodetector surface was incorrectly reported as “−0.034 mrad”; it should read “+0.034 mrad”. With this correction, the reported averaged value of “0.098 mrad” and the reported standard deviation value of “0.211 mrad” in the x direction are consistent with the recalculated results.

In addition, in Tables 2, 4, and 5, the row labeled “Variance value” should read “Standard deviation value” or “SD”, because the reported values correspond to standard deviations rather than statistical variances.

These corrections are limited to the reporting of table values and statistical terminology. They do not affect the experimental design, measurement procedure, data interpretation, main findings, or conclusions of the article.

We apologize for any inconvenience this may have caused.

The original paper has been updated.

Conflict of interest

The authors declare that they have no conflict of interest.

Published online: 17 August 2026

References

1. He et al. Accuracy characterization of Shack–Hartmann sensor with residual error removal in spherical wavefront calibration. *Light: Advanced Manufacturing* **4**, 36 (2023).

Correspondence: Guohua Shi (ghshi_lab@sibet.ac.cn)

¹School of Biomedical Engineering (Suzhou), Division of Life Sciences and Medicine, University of Science and Technology of China, Hefei 230026, China

²Suzhou Institute of Biomedical Engineering and Technology, Chinese Academy of Sciences, Suzhou 215163, China

© The Author(s) 2026



Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons license, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons license and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this license, visit <http://creativecommons.org/licenses/by/4.0/>.