



Corrigendum Notice: A corrigendum has been issued for this article and is included at the end of this document.

Post-Publication Notice

Corrigendum to “E. Bekbolsynov “Comprehensive analysis of solar cell behavior: effects of light intensity, temperature, and operational modes”, tbusphys, vol. 2, no. 2, p. 0013, May 2024. doi: 10.54355/tbusphys/2.2.2024.0013”

In the originally published version of this article, the Methods section lacked detailed information on experimental setup, instrumentation, and data processing procedures. The following corrections have been made:

1. Section 2 (Methods):

- The updated version now includes specific details on the experimental setup, measurement equipment (Moll-type thermopile, UNI-T UT61E multimeters), data logging tools (Microsoft Excel, OriginPro 2023, LabVIEW), and statistical analysis procedures (linear regression, polynomial fitting, ANOVA, RMSE evaluation).

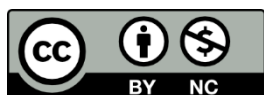
- Additional clarifications were made regarding test conditions under different operational modes (blower cooling, no cooling, glass plate) and data reproducibility measures.

2. Figure 1 has been improved to enhance visual clarity of the experimental circuit schematic.

Additionally, the reference “Note on the properties of silicon / R. Hare // Journal of the Franklin Institute. — 1833. — Vol. 15, No. 6. — P. 362–363.” has been replaced with “Stable Radicals: Fundamentals and Applied Aspects of Odd-Electron Compounds / K. Chandra Mondal, S. Roy, H. W. Roesky // Chemical Society Reviews. — 2016. — Vol. 45, No. 4. — P. 1080-1111. <https://doi.org/10.1039/c5cs00739a>”.

These corrections do not affect the scientific results, discussion, or conclusions of the article but improve methodological transparency, reproducibility, and visual presentation.

Published: 20.05.2024



Copyright: © 2024 by the authors. Licensee Technobius, LLP, Astana, Republic of Kazakhstan. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY-NC 4.0) license (<https://creativecommons.org/licenses/by-nc/4.0/>).