



CORRIGENDUM • OPEN ACCESS

Corrigendum: Calibrating spectrometers for measurements of the spectral irradiance caused by solar radiation (2020 *Metrologia* [57 065027](#))

To cite this article: Carsten Schinke *et al* 2023 *Metrologia* **60** 019501

View the [article online](#) for updates and enhancements.

You may also like

- [Tech Highlights - Spring 2023](#)
Mara Schindelholz, David McNulty, Chao (Gilbert) Liu et al.
- [Tech Highlights - Summer 2023](#)
Donald Pile, Joshua Gallaway, Chock Karuppaiah et al.
- [Tech Highlights - Winter 2022](#)
Donald Pile, David McNulty, Zenghe Liu et al.

Corrigendum: Calibrating spectrometers for measurements of the spectral irradiance caused by solar radiation (2020 Metrologia 57 065027)

Carsten Schinke^{1,2,*} , Hendrik Pollex¹, David Hinken¹ , Martin Wolf¹, Karsten Bothe¹ , Ingo Kröger³, Saulius Nevas³ and Stefan Winter³

¹ Institute for Solar Energy Research Hamelin (ISFH), Am Ohrberg 1, 31860 Emmerthal, Germany

² Leibniz University of Hanover (LUH), Institute for Solid State Physics, Appelstraße 2, 30167 Hannover, Germany

³ Physikalisch-Technische Bundesanstalt (PTB), Bundesallee 100, 38116 Braunschweig, Germany

E-mail: schinke@isfh.de

Received 8 December 2022

Accepted for publication 9 December 2022

Published 4 January 2023



CrossMark

Abstract

We correct an error in equation (60) of the original publication.

In the original publication, equation (60) contains the temperatures T^{DUT} and T^{Ref} for the DUT and reference measurement, respectively, in the wrong order. The equation should have the form:

$$E_{\lambda, \text{corr}}^{\text{DUT}}(\lambda) = E_{\lambda}^{\text{DUT}}(\lambda) (1 + c_T(\lambda) \cdot (T^{\text{Ref}} - T^{\text{DUT}})). \quad (1)$$

Acknowledgments

The project 16ENG02 (PV-Enerate) leading to this publication has received funding from the EMPIR programme cofinanced

by the Participating States and from the European Union's Horizon 2020 research and innovation programme. Parts of this work were funded by the scholarship program of the German national environmental foundation (Deutsche Bundesstiftung Umwelt).

ORCID iDs

Carsten Schinke  <https://orcid.org/0000-0002-0740-8733>

David Hinken  <https://orcid.org/0000-0003-4340-0859>

Karsten Bothe  <https://orcid.org/0000-0001-9369-2429>

* Author to whom any correspondence should be addressed.



Original Content from this work may be used under the terms of the [Creative Commons Attribution 4.0 licence](https://creativecommons.org/licenses/by/4.0/). Any further distribution of this work must maintain attribution to the author(s) and the title of the work, journal citation and DOI.