


Correction

Correction: Becker, C.N.; Koerner, L.J. Plastic Classification Using Optical Parameter Features Measured with the TMF8801 Direct Time-of-Flight Depth Sensor. *Sensors* 2023, 23, 3324

Cienna N. Becker and Lucas J. Koerner * 

Department of Computer and Electrical Engineering, University of St. Thomas School of Engineering,
St. Paul, MN 55105, USA; cienna.becker@stthomas.edu

* Correspondence: koerner.lucas@stthomas.edu

Text Correction

There was an error in the original publication [1]. Equation (1) was incorrectly typeset. The last term in the numerator of the error function (erf) should be σ^2/τ .

A correction has been made to Section 2. Methods, Section 2.4. Optical Parameter Model, Equation (1). The correct equation is:

$$MIRF(t) = \frac{A_1}{\sqrt{2\pi}\sigma} \cdot \exp\left(-\frac{(t-t_0)^2}{2\sigma^2}\right) + \frac{A_2}{2\tau} \exp\left(\frac{1}{2}\left(\frac{\sigma}{\tau}\right)^2 - (t-t_0)/\tau\right) \cdot \left(1 + \operatorname{erf}\left(\frac{t-t_0-\sigma^2/\tau}{\sqrt{2}\sigma}\right)\right) + b \quad (1)$$

The authors state that the scientific conclusions are unaffected. This correction was approved by the Academic Editor. The original publication has also been updated.

Reference

1. Becker, C.N.; Koerner, L.J. Plastic Classification Using Optical Parameter Features Measured with the TMF8801 Direct Time-of-Flight Depth Sensor. *Sensors* **2023**, *23*, 3324. [[CrossRef](#)] [[PubMed](#)]



Citation: Becker, C.N.; Koerner, L.J.
Correction: Becker, C.N.; Koerner, L.J.
Plastic Classification Using Optical
Parameter Features Measured with
the TMF8801 Direct Time-of-Flight
Depth Sensor. *Sensors* **2023**, *23*, 3324.
Sensors **2023**, *23*, 7986. <https://doi.org/10.3390/s23187986>

Received: 1 August 2023

Accepted: 1 September 2023

Published: 20 September 2023



Copyright: © 2023 by the authors.
Licensee MDPI, Basel, Switzerland.
This article is an open access article
distributed under the terms and
conditions of the Creative Commons
Attribution (CC BY) license (<https://creativecommons.org/licenses/by/4.0/>).

Disclaimer/Publisher's Note: The statements, opinions and data contained in all publications are solely those of the individual author(s) and contributor(s) and not of MDPI and/or the editor(s). MDPI and/or the editor(s) disclaim responsibility for any injury to people or property resulting from any ideas, methods, instructions or products referred to in the content.