



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

Post-Publication Notice

Corrigendum to “A. Aidarbek “Optimizing ultrasound Doppler measurement precision: a comprehensive experimental approach”, tbusphys, vol. 2, no. 2, p. 0011, Apr. 2024. doi: 10.54355/tbusphys/2.2.2024.0011”

In the originally published version of this article, the Methods section did not provide sufficient information regarding the equipment manufacturers, data processing tools, and statistical evaluation of results. The following corrections have been introduced:

1. Section 2 (Methods):

- The updated text now specifies that all setups were manufactured by P. Harris Company and data analysis was performed using MATLAB R2020a.
- Details on nonlinear least squares regression modeling, residual diagnostics, and coefficient of determination (R^2) evaluation have been added.
- These clarifications enhance reproducibility and confirm the statistical reliability of Doppler measurement results.

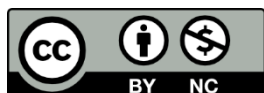
2. Editorial improvements were made to refine technical descriptions and improve methodological transparency.

Additionally, Figure 4 has been improved to enhance visual clarity and data representation.

Also, the reference “Ultrasonic evaluation of geometrical and surface parameters of rough defects in solids / M.D. Billy, F. CohenTénoudji, G. Quentin, K. Lewis, L. Adler // Journal of Nondestructive Evaluation. — 1980. — Vol. 1, No. 4. — P. 249–261.” has been replaced with “Optimization extraction and characterization of: Artemisia ordosica polysaccharide and its beneficial effects on antioxidant function and gut microbiota in rats / Y.Y. Xing, Y.Q. Xu, X. Jin, L. L. Shi, S. W. Guo, S. M. Yan, B. L. Shi // RSC Advances. — 2020. — Vol. 10, No. 44. — P. 26151–26164. <https://doi.org/10.1039/d0ra05063f>”.

These corrections do not alter the findings, discussion, or conclusions of the study but strengthen the rigor and clarity of reported experimental procedures.

Published: 17.05.2024



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/>).