INTERNATIONAL STANDARD ISO 16063-21:2003
TECHNICAL CORRIGENDUM 1

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Methods for the calibration of vibration and shock transducers —

Part 21:
Vibration calibration by comparison to a reference transducer

TECHNICAL CORRIGENDUM 1

Méthodes pour l'étalonnage des transducteurs de vibrations et de chocs —

Partie 21: Étalonnage de vibrations par comparaison à un transducteur de référence

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO 16063-21:2003 was prepared by Technical Committee ISO/TC 108, *Mechanical vibration, shock and condition monitoring*, Subcommittee SC 3, *Use and calibration of vibration and shock measuring instruments.*

Page 2, 3.2, Paragraph 2, line 2:

Delete "(see Note 1)", insert "(see Note)".

Page 8, 5.2, Paragraph 3, line 3

Delete "…used with the transducer under test should be determined…",

insert "…used with the transducer under test shall be determined…".

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Page 12, Equation (A.1), second summation sign:

Delete $\displaystyle\sum_{i=1}^{N=1}$, insert $\displaystyle\sum_{i=1}^{N-1}$.

Page 17, A.3.1, Paragraph 1, line 1

Delete "$U_{\mathrm{rel}}(S_{\mathrm{t}})$", insert "$U_{\mathrm{rel}}(S)$".

Page 18, A.3.2, Paragraph 1, line 1

Delete "$\Delta\varphi_{\mathrm{t}}$", insert "$\Delta\varphi$".

Delete "S_{t}", insert "S".

Page 18, A.3.2, Paragraph 1, line 4

Delete "$U(S_{\mathrm{t}})$", insert "$U(\Delta\varphi_{\mathrm{t}})$".

Page 18, A.3.2, definition of x_i

Delete

"…values. $u(x_i, x_j)$ is…"

Insert

"…values.

The term $u(x_i, x_j)$ is…"

Page 19, A.3.2, Table A.4, 2nd column, rows 2 to 11

Delete

"$u(e_{\mathrm{T,A}}^{*})$", "$u(e_{\mathrm{L,f,A}}^{*})$", "$u(e_{\mathrm{L,f,T}}^{*})$", "$u(e_{\mathrm{L,a,A}}^{*})$", "$u(e_{\mathrm{L,a,T}}^{*})$", "$u(e_{\mathrm{i,A}}^{*})$", "$u(e_{\mathrm{i,T}}^{*})$", "$u(e_{\mathrm{E,A}}^{*})$", "$u(e_{\mathrm{E,T}}^{*})$", "$u(e_{\mathrm{M,T}}^{*})$"

Insert

"$u(\Delta\varphi_{\mathrm{T,A}})$", "$u(\Delta\varphi_{\mathrm{L,f,A}})$", "$u(\Delta\varphi_{\mathrm{L,f,T}})$", "$u(\Delta\varphi_{\mathrm{L,a,A}})$", "$u(\Delta\varphi_{\mathrm{L,a,T}})$", "$u(\Delta\varphi_{\mathrm{i,A}})$", "$u(\Delta\varphi_{\mathrm{i,T}})$", "$u(\Delta\varphi_{\mathrm{E,A}})$", "$u(\Delta\varphi_{\mathrm{E,T}})$", "$u(\Delta\varphi_{\mathrm{M,T}})$"

Page 24, Figure D.1

Before the upper bloc 3 (Voltmeter V_1), insert "u_1".

Before the lower bloc 3 (Voltmeter V_2), delete "U_2", insert "u_2".

Page 25, Clause D.3, Paragraph 3, line 8

Delete "…has a decade slope of -2 % per frequency…",

insert "…has a slope of -2 % per frequency decade…".

Page 26, Clause D.4, Paragraph 2, line 1

Delete "The mean value equals 1 (and with different distributions, normal, rectangular, etc.) and is given as",

insert "Their expected values equal 1 (and with different distributions, normal, rectangular, etc.) and they are given as".

Page 26, Clause D.4, Paragraph 2, last line

Delete "mean value", insert "expected value".

Page 27, Table D.1, heading, line 2

Delete "100 m/s^{2}s", insert "100 m/s^2".

Page 27, Table D.1, column 2, row 5, line 1 and row 8, line 1

Delete "Influence on V_R: measurement", insert "Influence on V_R measurement".

Page 27, Table D.1, column 2, row 6, line 2

Delete

"… variation. Reference …",

insert

"… variation.

Reference …".