INTERNATIONAL ELECTROTECHNICAL COMMISSION

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IEC 62459
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Sound system equipment –
Electroacoustical transducers –
Measurement of suspension parts

C O R R I G E N D U M   1

3.11
lowest cone resonance frequency
Replace the existing Formula (7) by the following new Formula:

$$f_0 \approx \frac{1}{2\pi}\sqrt{\frac{K(x_{\mathrm{off}})}{\delta m_{\mathrm{s}}}} \tag{7}$$

6.3   Incremental dynamic measurement

Replace the existing first sentence by the following:

This technique for measuring the incremental stiffness $K_{\mathrm{inc}}(x_{\mathrm{dc}})$ according to Equation (3) uses a superposition of a d.c. signal of certain magnitude (for example, constant restoring force F_{dc} generating a d.c. position x_{dc}) and a small a.c. signal (e.g. restoring force F_{ac}) as stimulus and measures the a.c. response of the suspension part (e.g. the a.c. part of the displacement x_{ac}) under steady-state condition.

6.4   Full dynamic measurement

Replace the existing paragraph by the following:

This technique for measuring the dynamic stiffness $K(x_{\mathrm{ac}})$ uses an a.c. signal of certain magnitude (for example, the a.c. restoring force F_{ac}) and measures the a.c. response of the suspension part (for example, a displacement x_{ac}).

9.1   Characteristic to be specified

Replace, in the second sentence of this paragraph, "Equation (6)" *by* "Equation (1)".