Characterization of the Damping Behavior of a Nanoindentation Instrument for Carrying Out Dynamic Experiments

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Published online: 17 July 2008
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Erratum to: Experimental Mechanics DOI 10.1007/s11340-007-9117-x

The publisher regrets that the following errors were missed for the article, “Characterization of the Damping Behavior of a Nanoindentation Instrument for Carrying Out Dynamic Experiments” by S.P. Singh, J.F. Smith and R.P. Singh which published in *Experimental Mechanics*. Please see below for corrections.

1. Equation (11) should be:

$$m \frac{d^2 y}{dt^2} + c_0 \frac{dy}{dt} + k_0 y + k(y - x) = 0$$

2. The first term in equation (26) should be:

$$m \frac{d^2 y}{dt^2}.$$

3. The units of damping in Figs. 8 and 9 should be Ns/m.
4. Page 5, column 2, para. 2

The results are shown in Fig. 4 and indicate that the system offset is independent of the excitation frequency, as expected.

This should read, “The results are shown in Fig. 4 and indicate that the system offset is independent of the system damping, as expected.”

5. Seven frequencies (5, 10, 20, 30, 40, 60, and 80 Hz) were used to generate the data shown in Fig. 5, not just 10, 20, 30 and 40 Hz, as indicated in the text.

6. The y-axis in Fig. 9 represents ζc_{eq} rather than c_{eq}

7. The Tritec 2000 DMA is not limited to a maximum test frequency of 20 Hz as written in paper. In fact data was collected up to ~45 Hz.

8. MicroMaterials Ltd. should read Micro Materials Ltd.

The online version of the original article can be found at <http://dx.doi.org/10.1007/s11340-007-9117-x>.

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