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Cite as: J. Appl. Phys. **115**, 169902 (2014); https://doi.org/10.1063/1.4874264
Submitted: 11 April 2014 • Accepted: 18 April 2014 • Published Online: 30 April 2014

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Erratum: "Measurement of local internal friction in metallic glasses" [J. Appl. Phys. 115, 134307 (2014)]

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(Received 11 April 2014; accepted 18 April 2014; published online 30 April 2014)

[http://dx.doi.org/10.1063/1.4874264]

In the abstract,[1] line 4, it should: "….by the AFM cantilever from the photodiode signal…."
Equations (1a) and (1b) should read as

$$k_r = 2a_c \times M', \tag{1a}$$

$$k_i = 2a_c \times M''. \tag{1b}$$

Equation (5) should read as

$$EI\frac{\partial^4 y}{\partial x^4} + \eta_{air}\frac{\partial y}{\partial t} + \rho A\frac{\partial^2 y}{\partial t^2} = P\delta(x - x_0) = \left(k_r y + \gamma\frac{\partial y}{\partial t}\right)\delta(x - x_0), \tag{5}$$

where I is the area moment of inertia.

On page 4, the last sentence in the caption of Fig. 3 should read: "The contact-resonance frequency was 1.998 MHz."

On page 5, left column, line 8 from top, it should read: "….experiments, we obtained the same value for ${Q_{loc}}^{-1}$ for a-PdCuSi…."

On page 5, line 6 in the Discussion section, it should read: "….with the centered value of ${Q_{loc}}^{-1} = 2.2 \times 10^{-2}$, we measured here (Fig. 2), at a quite…."

On page 5, lines 11 and 12 in the Discussion section, it should read: "…from $Q^{-1} = 1 \times 10^{-3}$ (a-PdCuNiP) to $Q^{-1} = 1 \times 10^{-2}$ (a-ZrNiCuAlPd)…."

On page 6, Eq. (A1) should read as

$$F = -\left[3\pi b\mu_{air} + (3/4)\pi b^2(2\rho_{air}\mu_{air}\omega)^{0.5}\right] \times \partial y/\partial t. \tag{A1}$$

On page 7, Ref. 25 should read as M. Fukuhara, W. Zhang, D. V. Louzguine-Luzgin, A. Inoue, and N. Nishiyama, Appl. Phys. Lett. **90**, 131902 (2007).

[1]H. Wagner, M. Büchsenschütz-Göbeler, Y. Luo, A. Kumar, W. Arnold, and K. Samwer, "Measurement of local internal friction in metallic glasses," J. Appl. Phys. **115**, 134307 (2014).

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