Erratum: "Calibration of atomic-force microscope tips" [Rev. Sci. Instrum. 64, 1868 (1993)]

Cite as: Review of Scientific Instruments **64**, 3342 (1993); https://doi.org/10.1063/1.1144449 Submitted: 27 July 1993 • Accepted: 27 July 1993 • Published Online: 09 September 1998

Jeffrey L. Hutter and John Bechhoefer

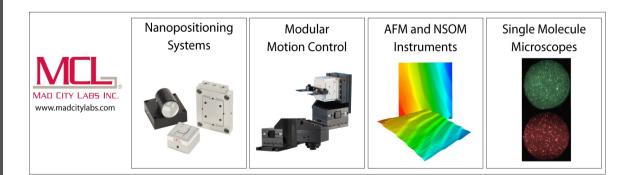


ARTICLES YOU MAY BE INTERESTED IN

Calibration of atomic-force microscope tips Review of Scientific Instruments **64**, 1868 (1993); https://doi.org/10.1063/1.1143970

Calibration of rectangular atomic force microscope cantilevers Review of Scientific Instruments **70**, 3967 (1999); https://doi.org/10.1063/1.1150021

A nondestructive method for determining the spring constant of cantilevers for scanning force microscopy Review of Scientific Instruments **64**, 403 (1993); https://doi.org/10.1063/1.1144209



Review of Scientific Instruments **64**, 3342 (1993); https://doi.org/10.1063/1.1144449 © 1993 American Institute of Physics.

Erratum: "Calibration of atomic-force microscope tips" [Rev. Sci. Instrum. 64, 1868 (1993)]

Jeffrey L. Hutter and John Bechhoefer Department of Physics, Simon Fraser University, Burnaby, British Columbia, V5A 1S6, Canada (Received 27 July 1993; accepted for publication 27 July 1993)

In our calibration of atomic-force microscope cantilevers, we neglected to correct for the frequency response of the optical-detection electronics. The response to cantilever vibrations will have a high-frequency cut-off, which, in our case, was higher than the resonant frequency of the cantilever. Our results were not affected, but for higher resonant frequencies, one should calibrate the detector response. We thank V. Croquette for raising this point.