Controlled Movement of SiGe/Si Microtubes in Suspension
MIN-RUI YU, ROBERT BLICK, Department of Electrical and Computer Engineering, University of Wisconsin-Madison — Microtubes are potential vehicles for chemical or drug delivery. By applying electric potentials on specially arranged electrodes, SiGe/Si microtubes suspended in liquids are moved in a controllable fashion to designated positions. Such manipulation mechanism is also applicable to smaller entities such as nanotubes.

Minrui Yu

Date submitted: 05 Dec 2005