

Bibliografía

- [1] L. Gorre-Talini, J. P. Spatz, and P. Silberzana. Dielectrophoretic ratchets. *Chaos Journal*, 8(3):650–656, 1998.
- [2] Pei-Yu Chiou. *Massively Parallel Optical Manipulation of Single Cells, Micro- and Nano-particles on Optoelectronic Devices*. PhD thesis, University of California at Berkeley, 2005.
- [3] A. Ashkin. Acceleration and trapping of particles by radiation pressure. *Phys. Rev. Lett.*, 24(4):156–159, Jan 1970.
- [4] David J. Griffiths. *Introduction to Electrodynamics*. Prentice Hall, third edition, 2005.
- [5] T. B. Jones. *Electromechanics of Particles*. Cambridge University Press, New York, 1995.
- [6] L. E. Reichl. *A Modern Course in Statistical Physics*. John Wiley & Sons Inc., New York, 1998.
- [7] Wikipedia. Lamm equation. From http://en.wikipedia.org/w/index.php?title=Lamm_equation&oldid=258159745, February 2, 2009.
- [8] Graham Milne. *Optical Sorting and Manipulation of Microscopic Particles*. PhD thesis, University of St Andrews, 2007.

- [9] Ronald Newburgh, Joseph Peidle, and Wolfgang Rueckner. Einstein, perrin and avogadro's number. *Proceedings of the National Academy of Sciences*, 2005.
- [10] Heiner Linke, Matthew T. Downton, and Martin J. Zuckermann. Performance characteristics of brownian motors. *Chaos Journal*, 15:026111–1–11, 2005.
- [11] Franz Josef Elmer. Brownian motor. From <http://monet.physik.unibas.ch/elmer/bm/index.html#why>, February 16, 2002.
- [12] Joel S. Bader, Richard W. Hammond, Steven A. Henck, Michael W. Deem, Gregory A. McDermott, James M. Bustillo, John W. Simpson, Gregory T. Mulhern, and Jonathan M. Rothberg. Dna transport by a micromachined brownian ratchet device. *Proceedings of the National Academy of Sciences*, 96(23):13165–13169, 1999.
- [13] L. P. Faucheaux, L. S. Bourdieu, P. D. Kaplan, and A. J. Libchaber. Optical thermal ratchet. *Physical Review Letters*, 74(9):1504–1507, 1995.
- [14] I Turcu and C M Lucaciu. Dielectrophoresis: a spherical shell model. *Journal of Physics A: Mathematical and General*, 22(8):985–993, August 1989.
- [15] Aristides Docolis and Paschalidis Alexandridis. One-, two-, and three-dimensional organization of colloidal particles using nonuniform alternating current electric fields. *Wiley-VCH Electrophoresis*, 23:2174–2183, 2002.
- [16] Christiane Kettner, Peter Reimann, Perter Hanggi, and Frank Muller. Drift ratchet. *Physical Review Letters*, 61:312–323, 2000.
- [17] L. Gorre-Talini, S. Jeanjean, and P. Silberzan. Sorting of brownian particles by the pulsed application of an asymmetric potential. *Physical Review Letters*, 56(2):2025–2034, 1997.