

Chapter V

Molecular motors

I) Diffusion in an energy potential

1. Biased diffusion and the Fokker-Planck equation
2. The Feynman ratchet

II) Motor current

1. Equilibrium situation
2. Motor motion

III) Qualitative discussion

Reference:

Jülicher, Ajdari & Prost, *Rev. Mod. Phys.* **69**, 1269 (1997)