

Abstract Submitted
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What model describes a Brownian particle? SCOTT HOTTOVY,
University of Arizona — For a small particle in fluid, the dynamics of the system
in the limit where friction effects dominate the inertial (i.e. the mass of the particle
goes to zero) are important for diffusion approximations. The approximation will
have differing drift fields which are dependent on the relationship between friction
and diffusion that lead to interesting and physically relevant results.

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