## **Casimir Friction**

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An account is given of recent work with J. S. Høye and K. A. Milton on the quantum (Casimir) friction force between a polarizable particle and a half-space, with the inclusion of radiation damping at zero temperature. Our method is based upon use of the Kubo formalism. Numerical estimates of the very small friction force are presented, and comparison is made with recent works of others.