

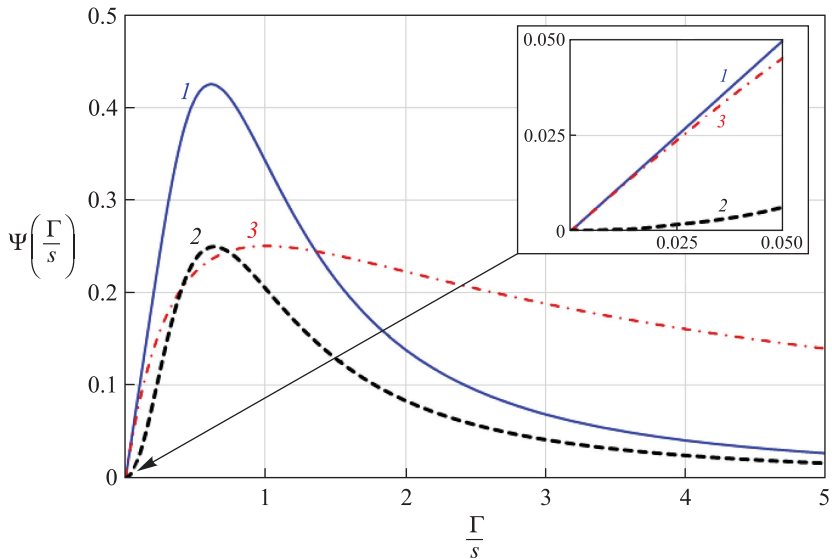


Fig. 2. The dependence of the factor Ψ , which determines, according to equation (13), the average angular velocity Ω of the rotation ratchet, on the dimensionless fluctuation frequency $\frac{\Gamma}{s}$. The curves 1, 2, and 3 correspond to the deterministic dichotomous, sinusoidal, and stochastic dichotomous fluctuations, given by equations (19), (18), and (13), respectively. The inset details the low-frequency behaviour of the curves 1, 2, and 3