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Supplementary Material Captions for Resistive-force theory of slender bodies in viscosity gradients

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Movie 1: The long-time behaviour of a filament with aspect ratio $b/a = 10^{-4}$ settling under a constant viscosity gradient with $\tilde{\kappa}_x = 0.01, \ \tilde{\kappa}_y = 0.01$.

Movie 2: The long-time behaviour of a filament with aspect ratio $b/a = 10^{-4}$ settling under a constant viscosity gradient with $\tilde{\kappa}_x = 0.01, \ \tilde{\kappa}_y = -0.01$.

Movie 3: The long-time behaviour of a filament with aspect ratio $b/a = 10^{-4}$ settling under a constant viscosity gradient with $\tilde{\kappa}_x = 0.01, \tilde{\kappa}_y = 0$.

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