Capillary orbits
Supplementary informations

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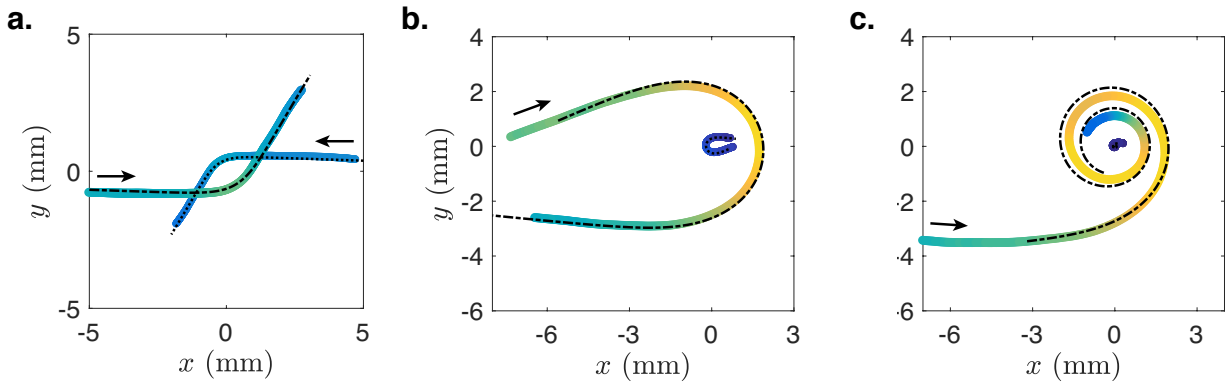
Supplementary figures



Supplementary Figure 1: **Orbiting trajectories fitted with friction. a**. Deflection between two drops ($R_1 = 410$ µm and $R_2 = 360$ µm), as seen in the center of mass frame. The arrows indicate the initial direction of motion of the particles. **c**. Deviation of a small drop ($R_2 = 390\,$µm) when approaching a bigger drop ($R_1 = 810\,$µm). **c**. Collision trajectory between two frozen marbles ($R_1 = 820\,$µm, $R_2 = 260\,$µm). The color code indicates the drop velocity, from 0 cm/s (dark blue) to 5 cm/s (yellow). The dotted lines are the theoretical trajectories, calculated numerically by integrating a small friction force $\mathrm{F} = \frac{\eta_v R^2}{h}(V - v_0)$ for each particle.