



Figure 4.1. The calculated motion of axisymmetric gas bubbles of various sizes. Smaller values of the Eötvös numbers correspond to smaller bubbles, and thus a greater effect of surface tension. E_o takes the values (a) 212, (b) 29.8, (c) 13.2 and (d) 4.8, equivalent to air bubbles in water of radii 2cm, 7.5mm, 5mm and 3mm.