



Figure 5.3. Calculated free-surface shapes for different initial bubble sizes, together in each case with the velocity of the node on the central axis. Eötvös numbers are (a) 0.13, (b) 0.30, (c) 0.53, (d) 2.12, (e) 3.31 and (f) 4.77, corresponding to equivalent radii of 0.05, 0.075, 0.1, 0.2, 0.25 and 0.3 centimetres respectively.