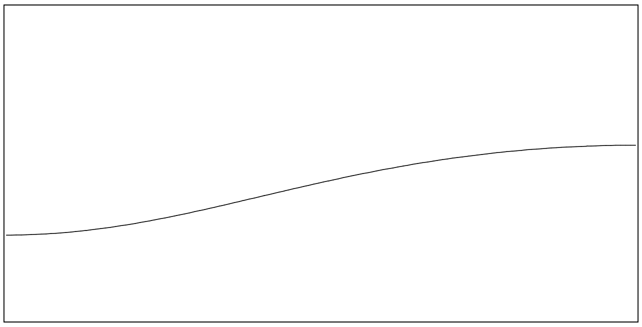
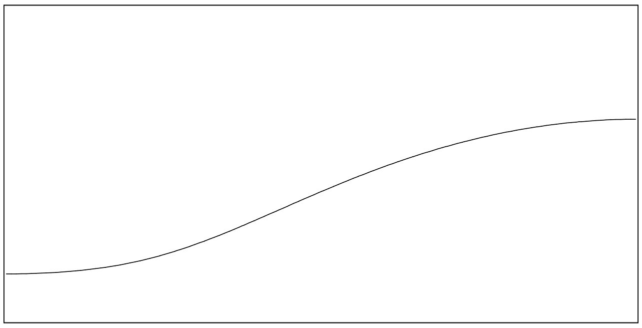
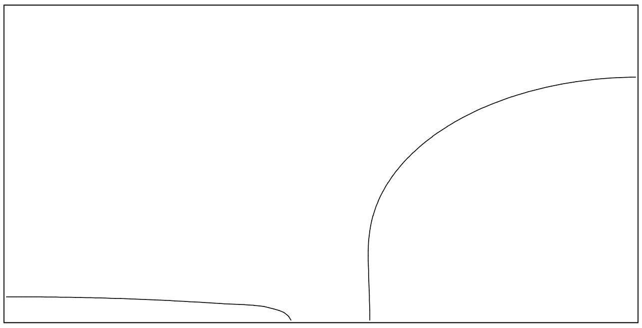


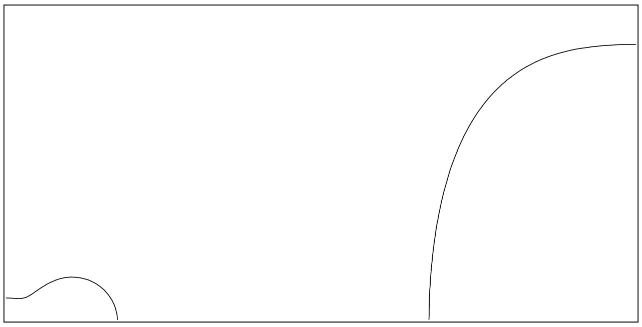
t=6.2 micro sec.



t=9.6 micro sec.



t=12.4 micro sec.



t=13.4 micro sec.

Figure 1: Four frames from a computation of the classical Rayleigh capillary instability of a slightly perturbed cylindrical column of water in air for which $\rho_w/\rho_a = 816$ and $\mu_w/\mu_a = 64$. This is a single grid computation with grid resolution is 64x128.