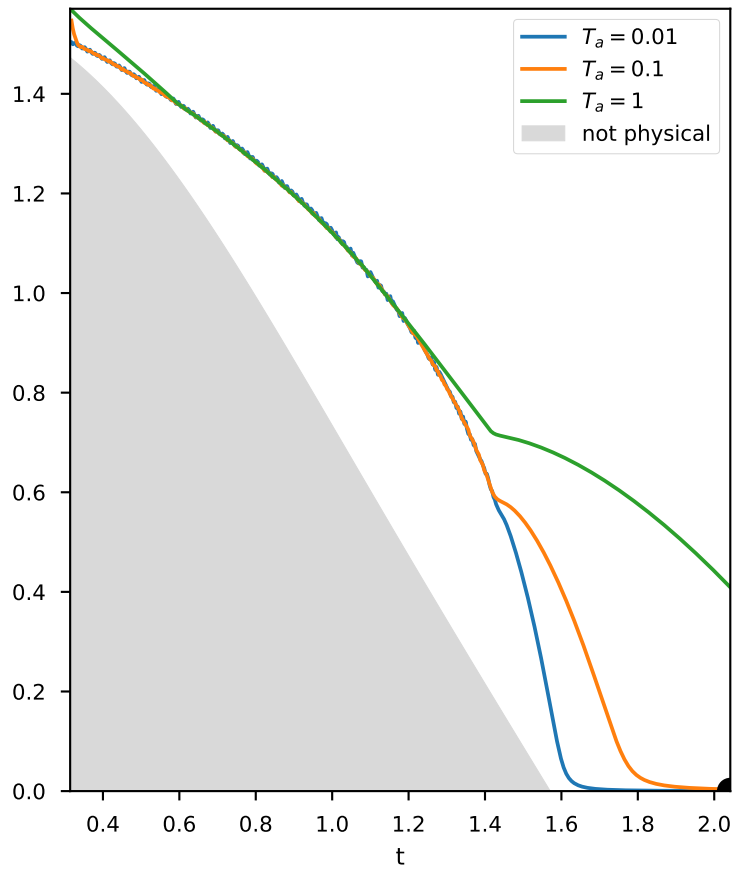
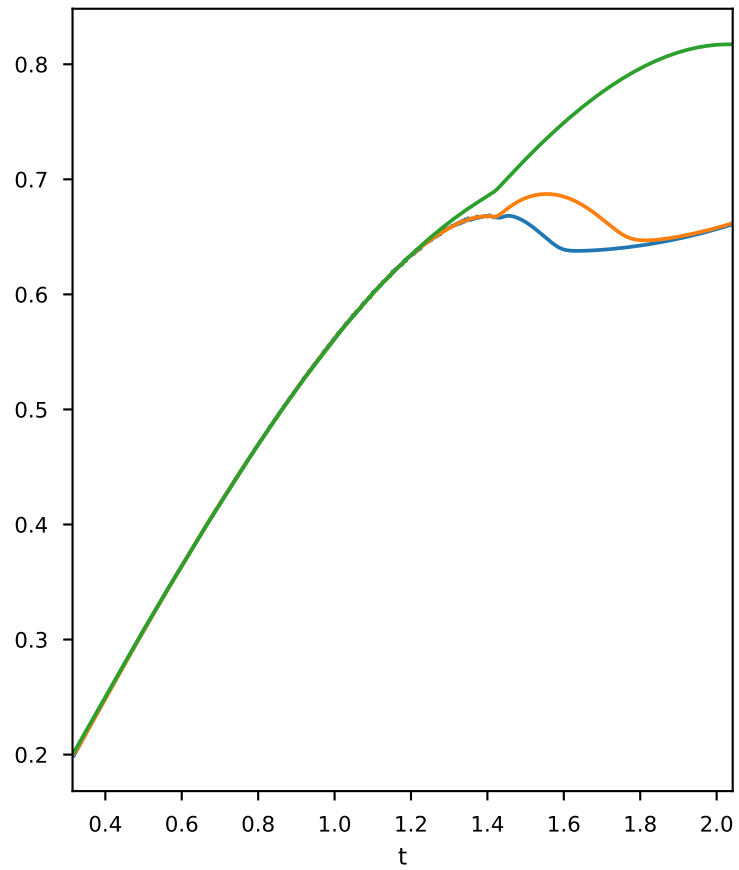


$\theta$  $L_f/(\pi R_0)$  $h_f/R_0$ 