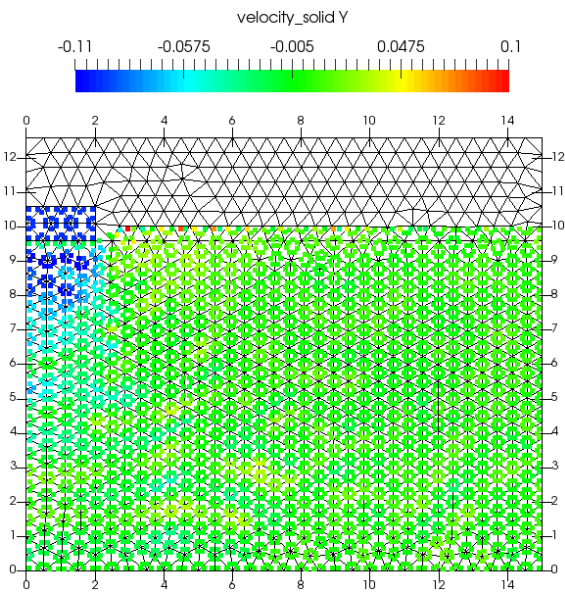


(a)  $t=0.5s$



(b)  $t=4s$