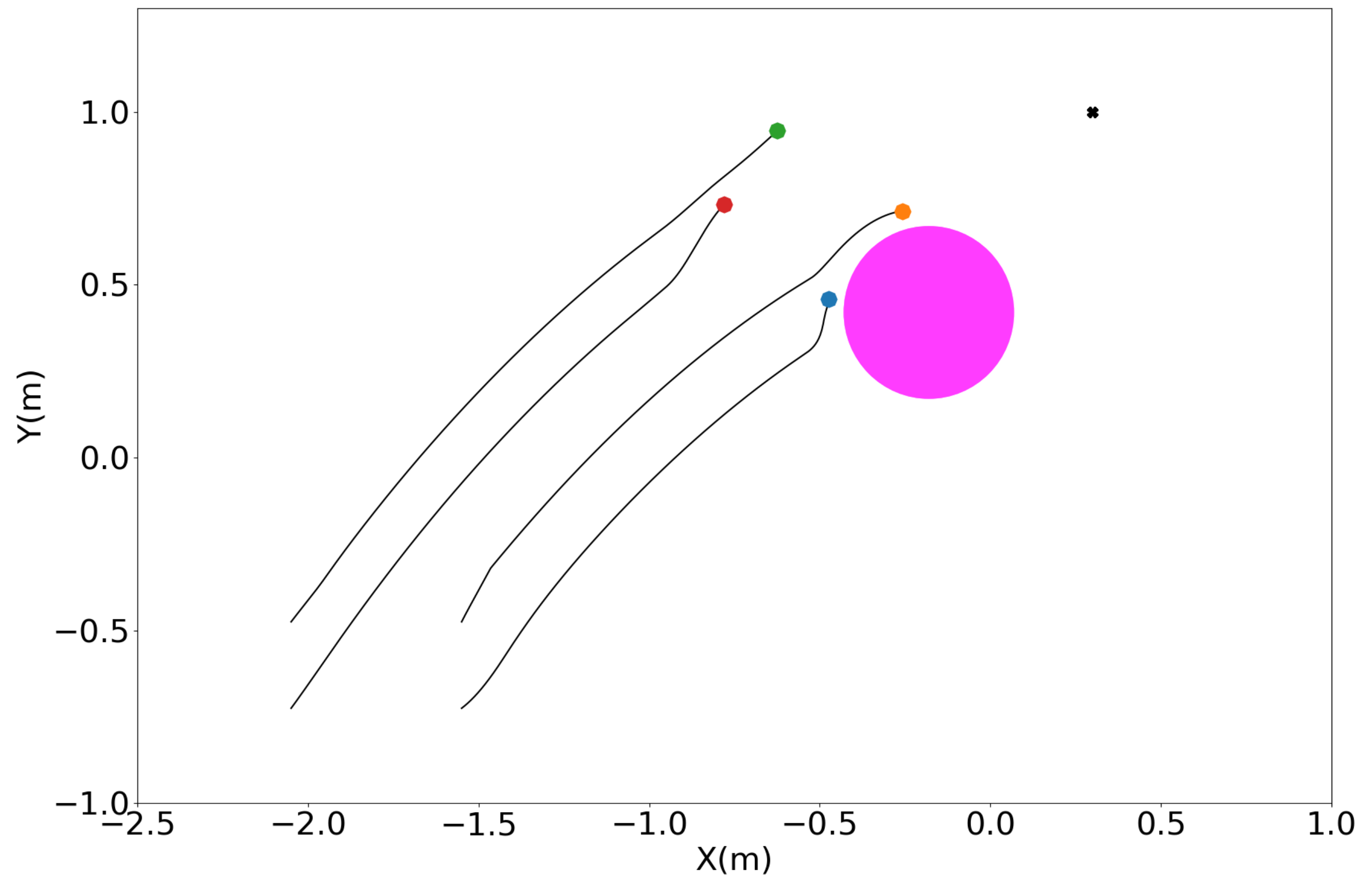


(c)  $t = 20$  s



(d)  $t = 25$  s