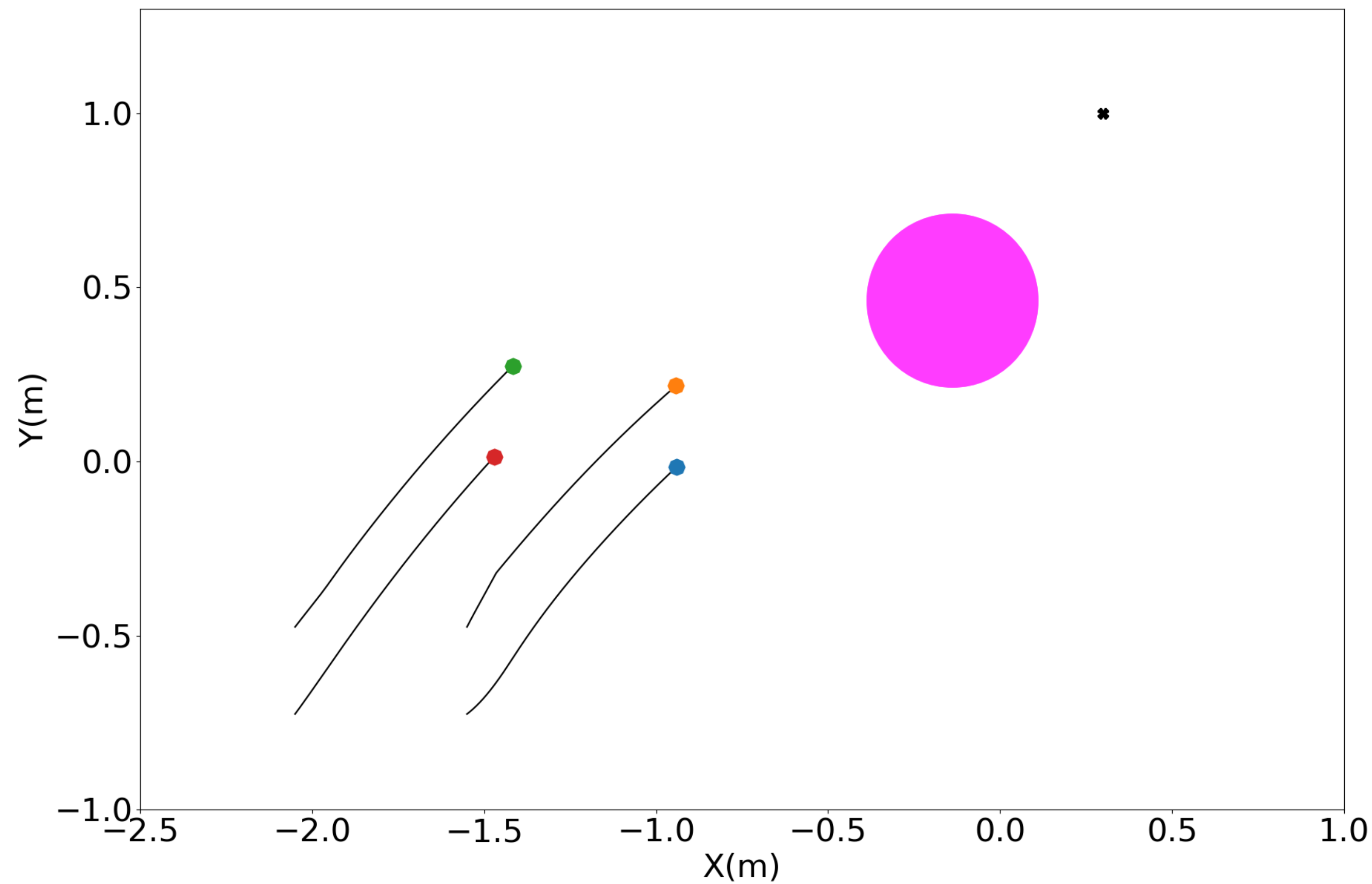


(a) $t = 5\text{s}$



(b) $t = 10\text{s}$