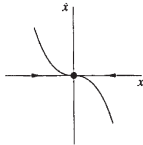
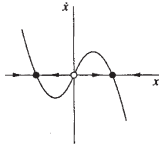


(a) $r < 0$



(b) $r = 0$



(c) $r > 0$