

$$(3) \quad s = 3t - t^2$$

$$v = \frac{ds}{dt} = 3 - 2t$$

向上\*滚到最高点,  $v = 0$

$$3 - 2t = 0$$

$$t = 1.5 \text{ s}$$

$\therefore 1.5 \text{ s}$  时开始向下滚动