




North ↑



$$y(t_0) = 40$$


$$y(t_1) = 20$$
$$y'(t_1) = -15$$

$S(t_0)$

$S(t_1)$


$$x(t_0) = 0$$


$$x(t_1) = 15$$

$$x'(t_1) = 25$$

East →