

Π ( )

8

100 -

10-

10.

10 - 15

),

1

?

V - V,

V,

$$H = \frac{V_0}{S},$$

:

$$F = \dots V_0 g,$$

- 60.

- 30

20

2

–  $t = 10$  .  $A$   $B$   $t_2$   $t_1 = 2$  ,  
?

$v$ ,  $( \dots A B s,$   
) .

$$t = \frac{s}{u}, \quad t_1 = \frac{s}{v+u} .$$

$$s = ut \quad v = \frac{u(t-t_1)}{t_1} .$$

:

$$t_2 = \frac{s}{v-u} = \frac{ut}{u\left(\frac{t}{t_1}-1\right)-u} = \frac{t_1 t}{t-2t_1} = 3\frac{1}{3} .$$

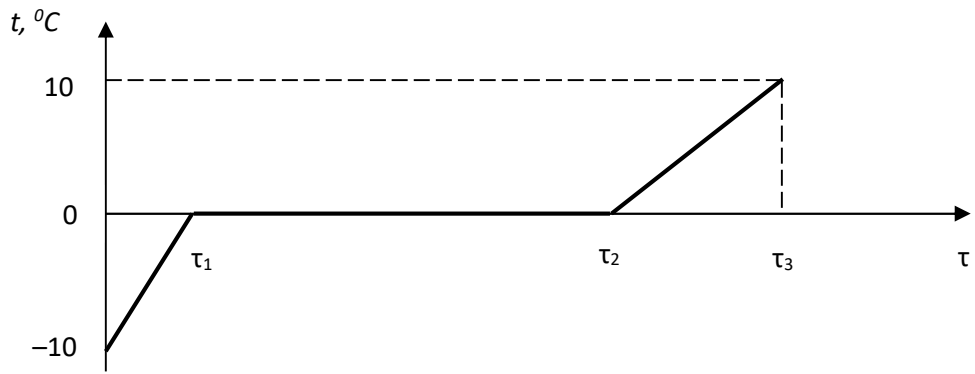
,  $t = 2t_1$ ,  $t > 2t_1$  .  $v >$  ,

$$\frac{s}{u} = \frac{2s}{v+u} \quad v = u .$$

**60** . **- 80.** .  
**40** .  $t = t_1$  .  
**20** , , .

3

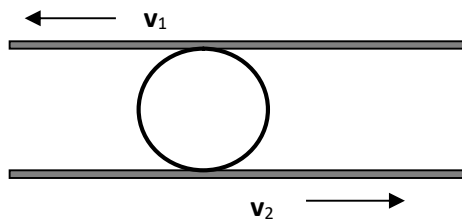
$t_1 = - 10$  °C  
.  
 $t$  (  $t_1 = +10$  °C).



$t = 0^{\circ}\text{C}$  ( ),  $t_1 = 0^{\circ}\text{C}$ ,  $t_2 = 0^{\circ}\text{C}$   $t_3$   
 ( ).  $P_{\dot{t}_1} = c m (0 - t_1)$  ;  $P_{\dot{t}_2} = \dots$   $P_{\dot{t}_3} = c m (t_2 - 0)$ .

$c m (0 - t_1)$ ,  $c m (t_2 - 0)$ .  
 $t_2 - t_1 = 15,7 t_1$ ,  $t_3 - t_2 = 2 t_1$

-100.  
 80  
 50  
 30  
 4  
 $R$   $v_1$   $v_2$   
 ( .1). ?



.1.

$v_0$ ,

$-v_r$ .  $v_1 > v_2$ , :

$$v_1 = v_0 + v_r \quad v_2 = v_r - v_0,$$

$$v_0 = \frac{v_1 - v_2}{2},$$

$$v_1 = \frac{v_1 - v_2}{2} + v_r.$$

:

$$v_r = \frac{v_1 + v_2}{2}.$$

$v_2 > v_1$ .

:

$$\%_0 = \frac{v_r}{R} = \frac{v_1 + v_2}{2R}.$$

**- 100.**

**80** . , .  
**40** . .  
**30** , , .