

628.174 : 614.4

[1].

1.

$$\ddot{x} = \frac{k}{r_0 - \lambda t} (V_0 - \dot{x})^2. \quad (1)$$

$$k = \frac{3}{8} \cdot x \cdot \dots^* (\dots)^{-1}; \dots^*, \dots -$$

; $r_0 -$

; $X -$

; $V_0 -$

2.

$\dot{x} = c_x \cdot (V_0 - \dot{x})$
 Re.
 [2].

$$\dot{x} = 0,4 + \frac{40}{Re} = 0,4 + \frac{40 \cdot \text{€}}{d(V_0 - \dot{x})} \quad (2)$$

$\text{€} -$
 d
 (2),

$$\ddot{x} - r_1(V_0 - \dot{x}) - r_2(V_0 - \dot{x})^2 = 0 \quad (3)$$

$r_2 = 0,3 \dots \cdot (\dots d)^{-1}; r_1 = \frac{100\text{€}}{d} r_2.$

3.

$R = r(V_0 - \dot{x})^{\sim}, \quad r \sim > 0 -$

$$\ddot{x} = r(V_0 - \dot{x})^{\sim} \quad (4)$$

: 1. ...
 : ... , 1997. - 180 . **2.** ...
 : ... , 2001 - 195 . **3.** ...
 // " " : ...
 : " " , 2006. - 26. - . 218-223.