

FUNDAMENTALS OF CONSTRUCTION OF INTEGRATED TRAININGS
FOR FIRE SAFETY SPECIALISTS

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70 %

$$N_j = (N_j - n_j) \cdot \left(\frac{N_j}{t} \right)^\beta, \quad (1)$$

$$P_j = (N_j - n_j) / N_j, \quad (2)$$

$$\lambda_j = n_j / (N_j \cdot T_j), \quad (3)$$

$$= 1 - \dots, \quad (4)$$

$$f(t) = \int_0^t \dots \cdot f(\tau) d\tau, \quad (5)$$

$$P(t) = P \dots \cdot P_c(t). \quad (6)$$

(t, t ± t)

$$P_1(t, \Delta t) = P_T(t, \Delta t) \cdot P_D(\Delta t), \quad (7)$$

(t, t) — t...t + t; (t) —

$$P_2(t, \Delta t) = P_T(t, \Delta t) \cdot \{P_D(\Delta t) + [1 - P_D(\Delta t)]\rho\}. \quad (8)$$

$$P_3(t, \Delta t) = P(\Delta t) \cdot [P_T(t, \Delta t) + P_y(t, \Delta t, \sigma)], \quad (9)$$

(t, t + t) —

t < t + t.

$$P_4(t, \Delta t) = \{P(\Delta t) + [1 - P(\Delta t)]\rho\} \cdot [P_T(t, \Delta t) + P_y(t, \Delta t, \sigma)]. \quad (10)$$

$$K = [P_4(t, \Delta t)] / [P_1(t, \Delta t)]. \quad (11)$$

t₀

$$K = t_0 / T. \quad (12)$$

0,75.

«22-

»

() .

18–20 ,

— 12–13 .

		0-10	10-20	20-30	30-40	40-50	50-60	60
		15,5	28,5	16	9,5	5	3,5	2
		17	16	8	5	2	2	-
		0,194	0,357	0,200	0,119	0,063	0,044	0,023
		0,34	0,32	0,16	0,10	0,04	0,04	-
		18,39						
		12,84						
		0,237	0,560	0,745	0,850	0,914	0,982	-
		0,323	0,682	0,855	0,935	0,970	-	-
		= 0,68 > 0,05						
		= 0,42 > 0,05						

: ; -
 . 1
 $[N, B, T]$ $[N, B, r]$.
 $N = 5,$
 $[5, , 4]$ $[5, , 6]$.
 $1 \ll T,$

$$\frac{\lambda \cdot e^{-\lambda}}{1 - e^{-\lambda}} \approx \frac{1}{T} \quad (13)$$

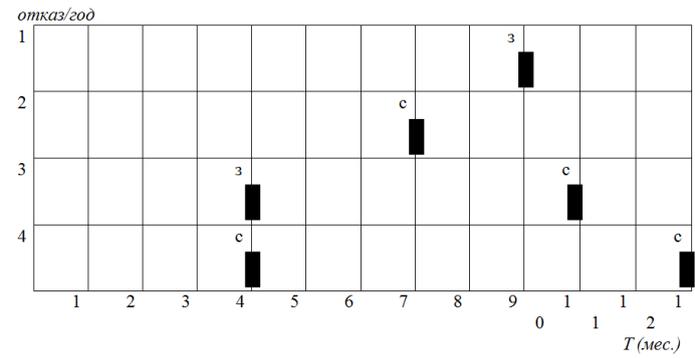


Fig. 1. ...

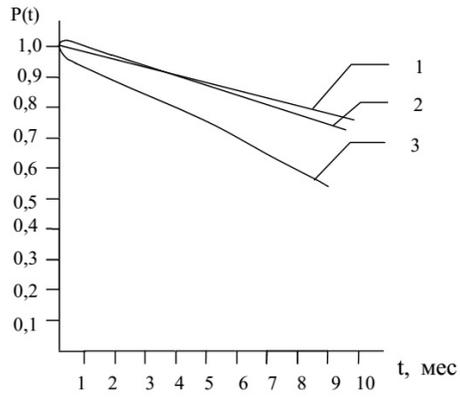
. 2

$$R(t) = e^{-0.025t} (\dots - I).$$

$$R(t) = 1 - (1 - e^{-\lambda t})^2. \quad (14)$$

(14),

2 (. . . 2).
I. 3

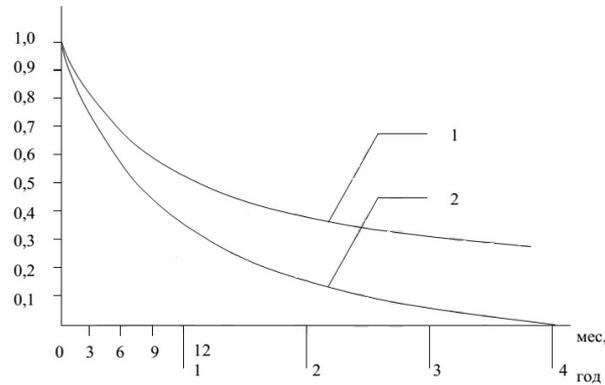


. 2.

$$= N \cdot \lambda, = 0,125 \text{ —}. \quad (15)$$

. 3

(I) (2)



. 3.

(I) (2)'

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