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(2)

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” ”, 2001.-512 . 2.

, 1985.-327 .

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: 504.064.3:574

In this article the considered questions of estimation of quality of control of ecological object. It is suggested to use in quality a criterion a having a special purpose function which runs into the indexes of the controlled parameters. It helps to attain the best economic indicators, promote reliability of the use of the natural systems. Ecological monitoring, that is carried out with the use of these criteria has the row of advantages.

( )

$x(t)$

[1,2].

$x$

$[x, ]$

$x,$

$: q(x) = q_0.$

$q$

$x$

$q_0$  -

$$\begin{aligned} x \in [x, ] \\ x \notin [x, ] \end{aligned} \quad [2].$$

$[x, ]$

[4].

$$q = \begin{cases} q_0, x \in [x, ] \\ -q, x \notin [x, ] \end{cases}, \quad (1)$$

$x < x, > x$

( )

( ),

(1)

$$q = \begin{cases} q_0, x \in [x, ] \\ 0, x \notin [x, ] \end{cases}. \quad (2)$$

(2).

$$q(x) = q_0 - k(x - x_0)^2. \quad (3)$$

$$x_0 \quad (x - x_0)^2.$$

$\bar{q}$

$f(x)$

$$(x = x(t), \bar{x} \quad , \quad \dagger^2$$

[5]:

$\Theta$

$n$

$T_0$

$$T_0 = \Theta \cdot n. \quad (4)$$

$$\bar{q} = Mq(x) = \int_{-\infty}^{\infty} q(x) \cdot f(x) dx, \quad (5)$$

(1)

$$\bar{q} = q_0 - (q_0 + q_a) \int_{x \in [x, ]} f(x) dx. \quad (6)$$

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[6],

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$$\bar{q} = q_0 - (q_0 + |q_a|) \cdot 0, \quad (7)$$

$$\bar{\Delta q} = (q_0 + |q_a|) \cdot \Theta \cdot n. \quad (8)$$

(4)

$$\bar{\Delta q} = (q_0 + |q_a|) \cdot \Theta \cdot n. \quad (9)$$

$\Theta$  -

(9)

(

$c$ .

$$\bar{\Delta q} = c \cdot n. \quad (10)$$

(2)

(7) (8)

$$q_a = 0, \dots$$

$$\bar{q} = q_0 - q_0 \cdot T_0, \quad (11)$$

$$\bar{\Delta q} = q_0 \cdot T_0. \quad (12)$$

$$T_0 = \Theta \cdot n, \quad \Theta -$$

(3)

$$\bar{q} = q_0 - k \left( t^2 + (x_0 - \bar{x})^2 \right). \quad (13)$$

, ( , , -

,  $\bar{x}$

$x_0$  ,

$$\bar{q} = q_0 - k\uparrow^2, \tag{14}$$

$$\overline{\Delta q} = k\uparrow^2. \tag{15}$$

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(10), (12), (15)

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This paper describes the process receive of the metallic nitrous electrification the salt. The basic principles of characteristics this process were reviewed first. Show, than this process of the receive metallic nitrous have been shown to offer many advantages over. The given setting confirms most of the practical results on the production.

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[1, . 41].