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- 1)
- 2)
- 3)

$P_{aj} = \frac{M_{oj}}{M_o}$
 $t = \frac{\sum_j M_j}{M_o} = \frac{M}{M_o}$
 $t = P(x, T)$

$$P_{aj} = \frac{M_{oj}}{M_o} \quad (2)$$

\geq
 $\max(x) \min(v) P(x,)$
 \in

$$\max(x) \min(v) P(x,) \quad (3)$$

Q_u
 Q_{uj}
 Q_{uj}
 $P_{aj} = \int_{\Omega_{uj}} f_a(U) dU$
 $f(U)$
 u

$$P_{aj} = \int_{\Omega_{uj}} f_a(U) dU \quad (1)$$

$(,)$
 $(,)$
 $()$
 \in
 \in
 \in

$$x = (x_1, x_2, x_3), \quad (4)$$

M_{oj}

x_1
 x_2

X_3 , $P = (X,)$.
 \in , $f(, ,)$
 $\exists \in$, $\in(, ,)$
 « »

$$P\{(\hat{X}(X,T) - \hat{X}) \in \Xi\} = f(\hat{X}, X, T). \quad (5)$$

$$P(X,) = \int_{\Omega} \{ \hat{X}(\hat{X}) f(\hat{X}, X, T) d\hat{X}. \quad (6)$$

$$\exists \in = \exists \in_j,$$

$$P(X,) = \sum_j P_{aj} \cdot f_j P_{aj}(X, T) \quad (7)$$

$f(,) -$
 $j -$

$$f(\hat{X}, X, T) = P\{(\hat{X}(X,T) - \hat{X}) \in \Xi\}. \quad (8)$$

$f(, ,)$

$\in(, ,)$

$1/G(, T/)$.

$$M_j = \sum_{i=1}^{M_{oj}} P_{aj} f_i(X, T),$$

$-f_i(,)$

$$-X = (X_1, X_2, X_3).$$

$$X = (X_1, X_2, X_3),$$

1. / . . . , . . .
 . . . , 2004. – 52 .

2. / . . . , . . . , . . . ,
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 . . . , 1985. – 343 .

3.
 , 1982. – 150 .

$$X = (X_1, X_2, X_3)$$

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29.09.2014

ANALYSIS FUNCTIONING OF THE EXISTING SYSTEM OF CONTROL AND ANALYSIS OF OUTER SPACE

A.N. Sharabayko

The article analyzes the functioning of the existing control systems and analysis of outer space. To improve the quality of solving the problem of space control and analysis of outer space is necessary to investigate the characteristics of their operation.

Keywords: *efficiency, spacecraft, control and analysis of outer space.*