

629.735.33.07:62-192(087.23)

1, 1, 2, 3  
 1  
 2  
 3

( $\omega = \text{const}$ ) [3].

[1, 2]

( ) ,  $\hat{\omega} = \frac{1}{T_c}$ , (1)

$\hat{T}_c -$

[1, 2].

0,97

90-

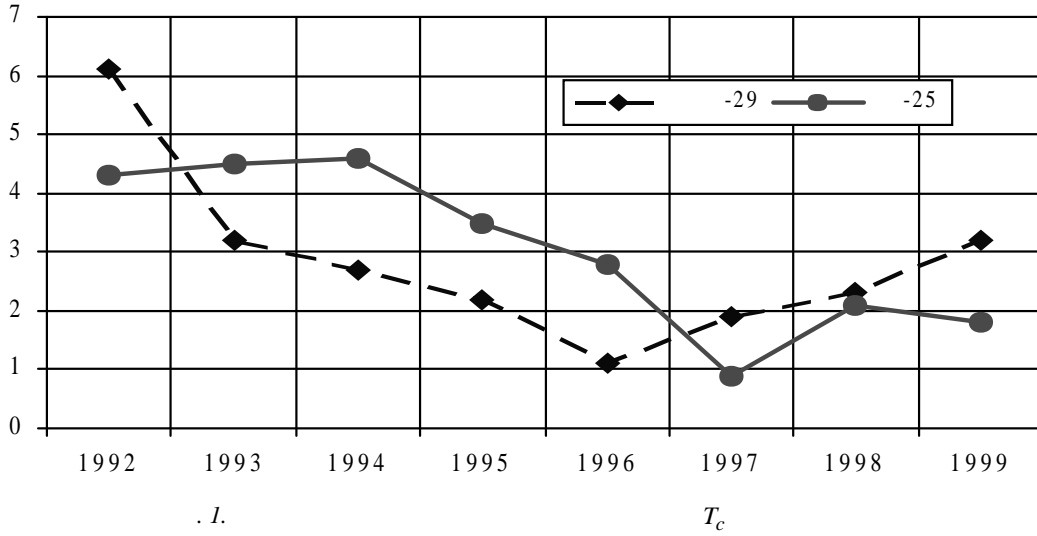
$T_c ( \dots 1 )$ .

$T_c$

( 1- ), i  
 ( 2- )

$\omega$

1-



( ), 2- - [5]. 1- ,  
 , ( 2- .  
 ), , (2),  
 , i  
 ( ): , i ( ,  
 , - , - ρ).  
 ) [6].  
 , : 1- - ω<sub>1</sub> i 2- -  
 ω<sub>2</sub>.  
 ω(t) - t; ( ρ).  
 M(t) - t. [5]

$$\omega_1 + \frac{\omega_2}{\rho} = \omega = \frac{1}{T_c} \Rightarrow \frac{\rho}{\omega_1 \rho + \omega_2} = T_c, \quad (3)$$

$$\hat{T}_c = \frac{t_\Sigma}{m_\Sigma}, \quad (2)$$

t<sub>Σ</sub> - ( ) ; m<sub>Σ</sub> - , T<sub>c</sub> =  $\hat{T}_c$ . (3)

T<sub>c</sub>. (3),  
 (2),  
 [4]. T<sub>c</sub> ,  $\hat{T}_c$ ,  
 , i

1992 2000 ( . 2).

$T_c$

$T_c$ .

[3].

(2)

i

(3),

1- i 2-

i

1992 2000

(

), 10...15%

i

$T_c$

(2).

i

$T_c$ ,

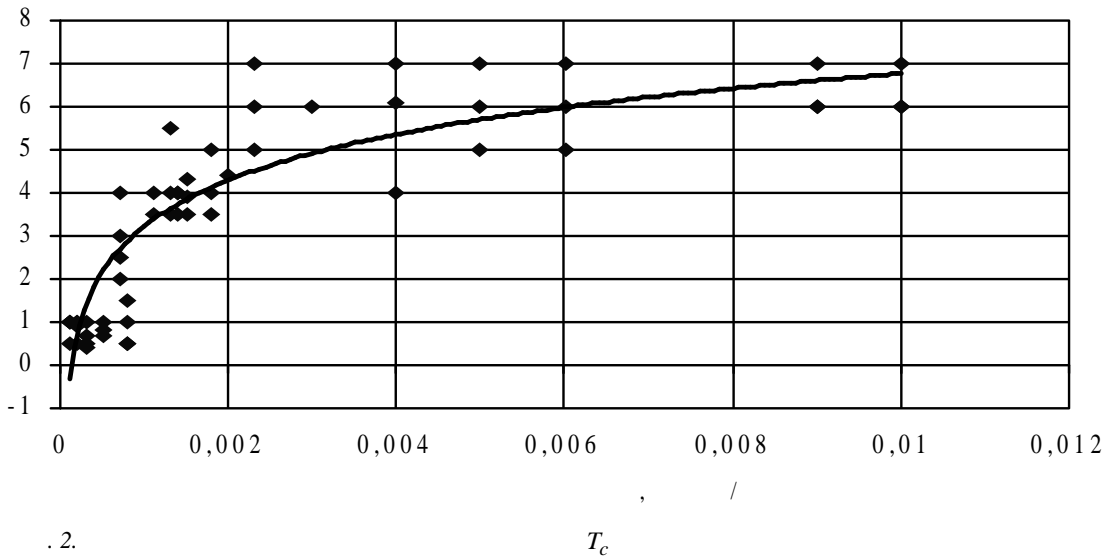
43%

10...20 ., 6%

1...10 ., 10%  
20 . i 41%

i

$T_c$



2.  $T_c$

2. 1300. -

1. -8759, 1969. - 75 .

3. . . . .

4. . - .: « . . . . », 1974. - 253 .

5. . - .: « . . . . », 1987. - 135 .

6. . - .: « . . . . », 1965. - 213 .

198 .

5.11. 2010 .

1. . . . .

25 09.06.93 . - . . . . , 1993. - 110 .

**INFLUENCE OF AEROTECHICS FLYING EXPLOITATION INTENSITY ON DETERMINATION OF ITS RELIABILITY INDEXES**

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*In the article the influence of flight time and statistical information heterogeneity on determination of reliability of aerotechics indexes and possibility of factor analysis methods using for the account of this influence are considered.*

**Keywords:** reliability of aerotechics, stream of airplane disrepairs.