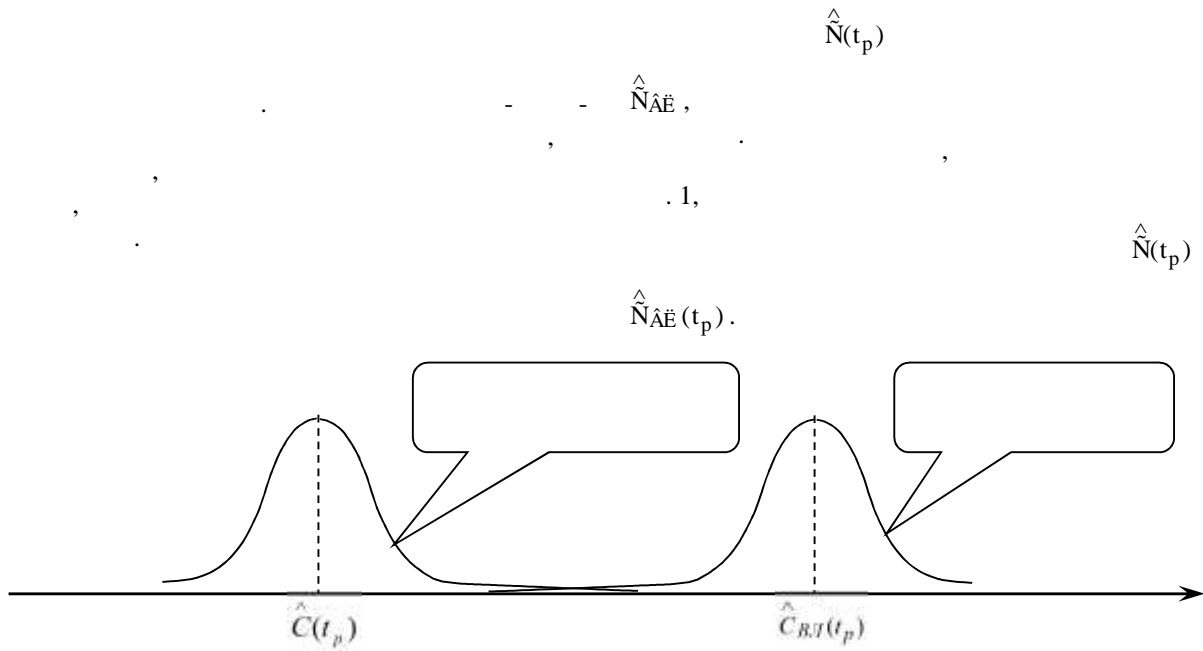
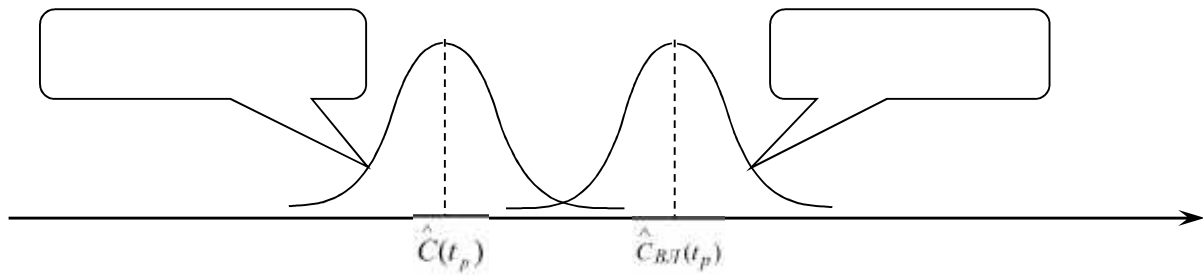


658.1

..



)



)

.1.

(. 1,)

0,2,

(. 1,)

$$(\tilde{N}_O(t_p) > C_{2\hat{A}\hat{E}}(t_p)).$$

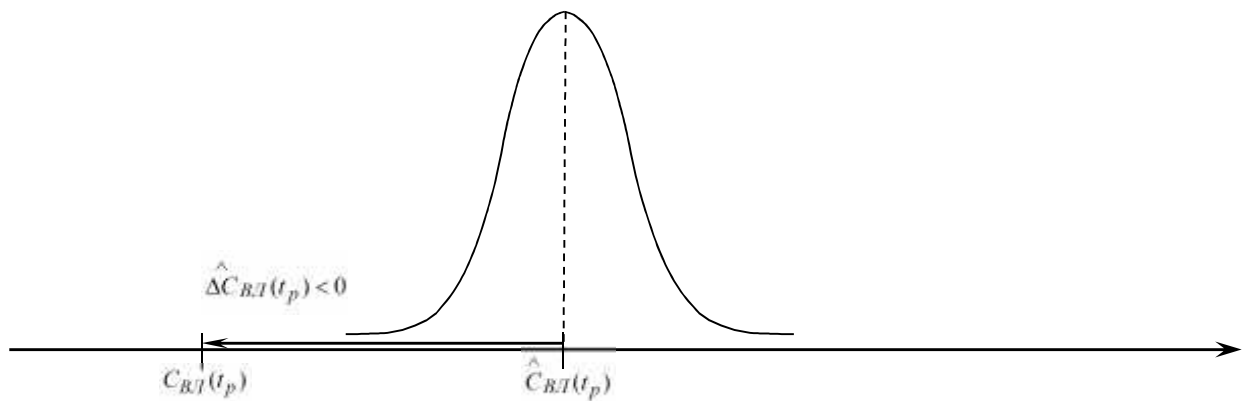
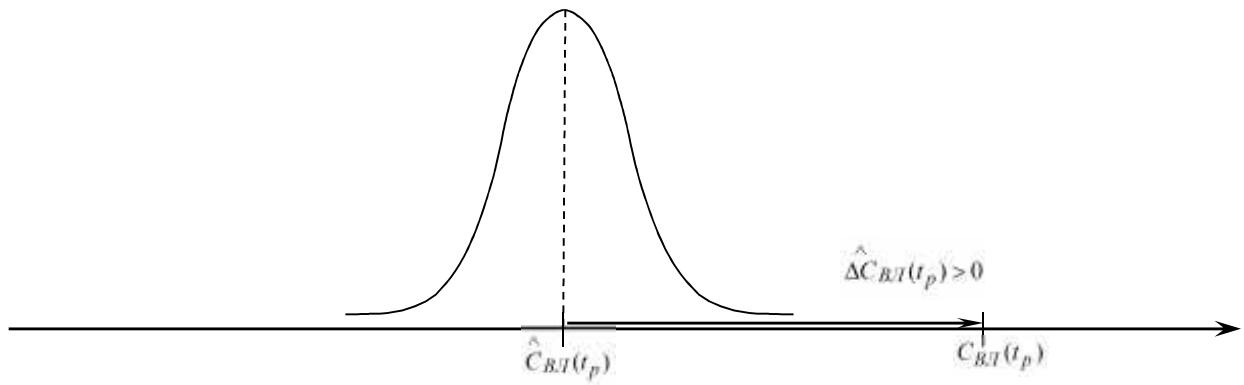
$$(\tilde{N}_O(t_p) > C_{2\hat{A}\hat{E}}(t_p))$$

[1]

$$\hat{C}_{A\hat{E}}(t_p),$$

$$E_{\hat{O}\hat{A}} = E(\tilde{N}_O(t_p) > C_{2\hat{A}\hat{E}}(t_p)) = 0.$$

.2. .



.2.

$$\tilde{N}_{\hat{A}\hat{E}}(t_p) = \hat{N}_{\hat{A}\hat{E}}(t_p) + \Delta C_{\hat{A}\hat{E}}(t_p). \quad (1)$$

$$D_{\hat{O}\hat{A}} = D(\tilde{N}_{\hat{O}}(t_p) > C_{2\hat{A}\hat{E}}(t_p)).$$

$$\sigma_{\tilde{N}}(t_p) \quad \sigma_{\hat{O}}(t_p),$$

(. 2).

(1),

$$\Delta C_{\hat{A}\hat{E}}(t_p) > 0.$$

$$|\Delta \tilde{N}_{\hat{A}\hat{E}}(t_p)|$$

$$\sigma_0(t_p) = \sqrt{\sigma_C^2(t_p) + \sigma_T^2(t_p)}.$$

$$\sigma_{\tilde{N}}(t_p) \quad \sigma_{\hat{O}}(t_p)$$

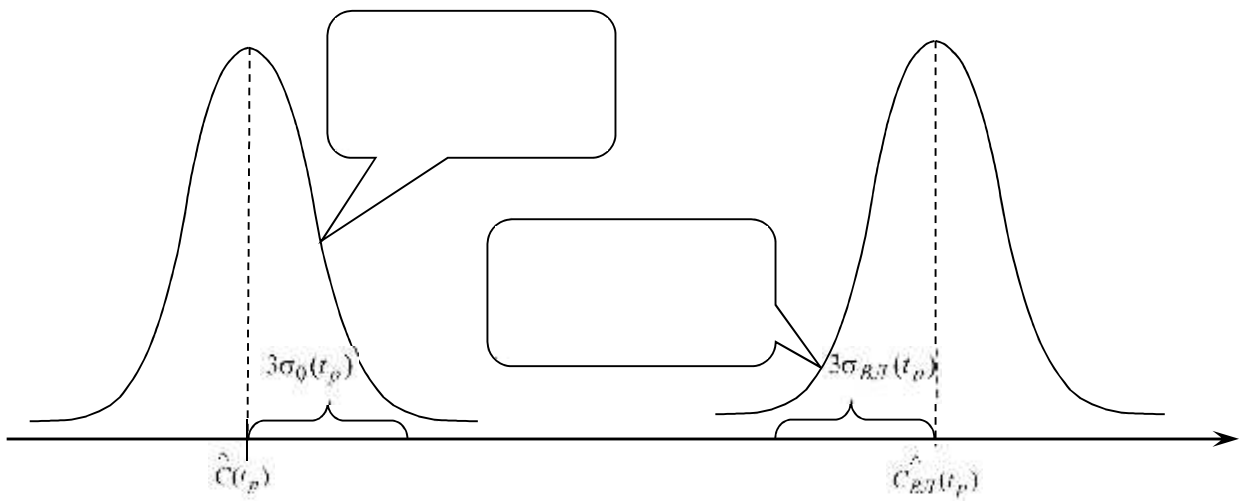
$$\sigma_{\tilde{N}}(t_p) = \hat{C}(t_p) \frac{\varepsilon_{\max}}{3}$$

$$\sigma_{\hat{O}}(t_p) = \hat{C}(t_p) \frac{\varepsilon_{\max}}{3}$$

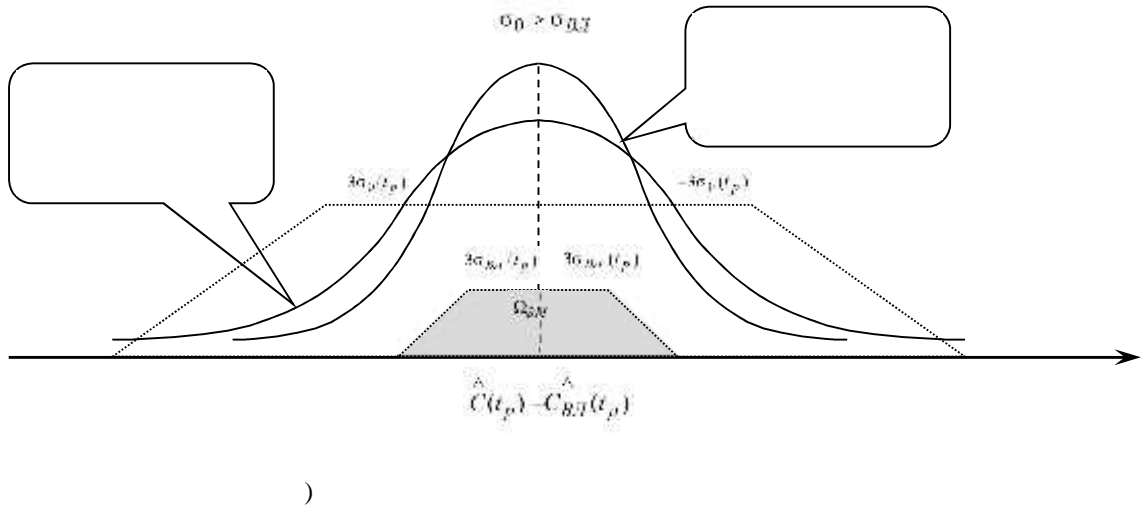
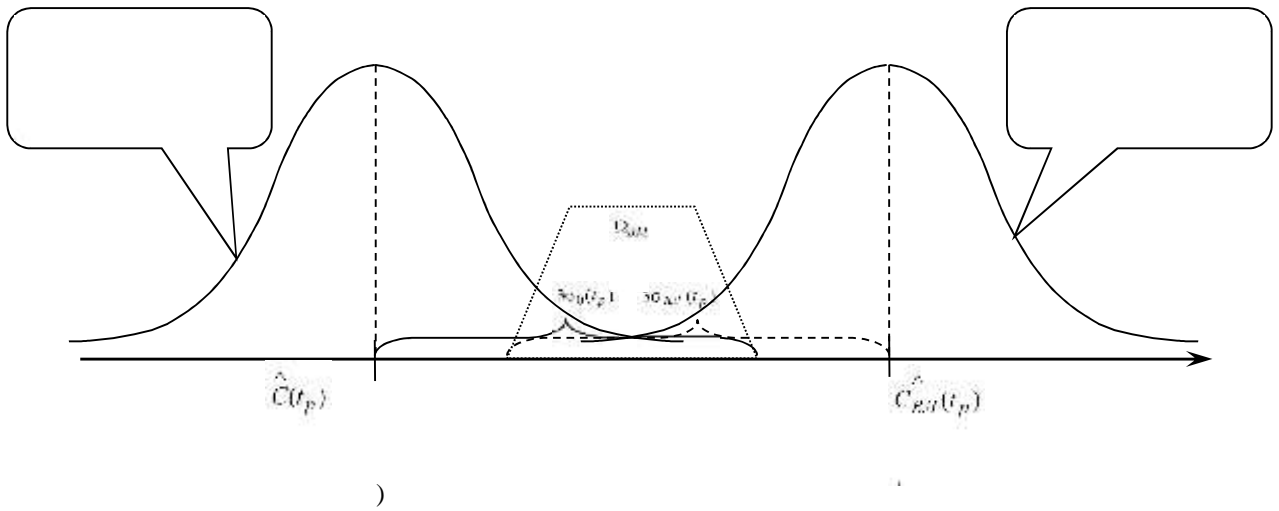
$D_{\hat{O}\hat{A}}$

$\tilde{N}_{\hat{O}}(t_p)$

. 3.



[2],



. 3.

(. . 3,)

$$(\hat{N}(t_p) - 3\sigma_0(t_p), \hat{N}(t_p) + 3\sigma_0(t_p))$$

$$(\hat{N}_{\Delta E}(t_p) - 3\sigma_{\Delta E}(t_p), \hat{N}_{\Delta E}(t_p) + 3\sigma_{\Delta E}(t_p))$$

$$\Delta \tilde{N}_{\text{DOA}}(t_p) = 0 \quad [3].$$

$$\Omega_{\hat{A}\hat{E}} = (\hat{N}(t_p), \hat{C}(t_p) + 3\sigma_0(t_p)) \cap (C_{\hat{A}\hat{E}}(t_p) - 3\sigma_{\hat{A}\hat{E}}(t_p), \hat{N}_{\hat{A}\hat{E}}(t_p)).$$

$$\begin{aligned} \Delta \tilde{N}_{\text{DOA}}^{\text{d}\hat{a}\hat{o}} &= (\hat{N}(t_p) + 3\sigma_0(t_p)) - (C_{\hat{A}\hat{E}}(t_p) - 3\sigma_{\hat{A}\hat{E}}(t_p)) = \\ &= (\hat{N}(t_p) - C_{\hat{A}\hat{E}}(t_p) + 3(\sigma_0(t_p) + \sigma_{\hat{A}\hat{E}}(t_p))). \end{aligned} \quad (2)$$

[4].

$$\Delta \tilde{N}_{\text{DOA}}^{\text{d}\hat{a}\hat{o}}(t_p), \quad (0,$$

$$\begin{aligned} &(\hat{C}_{\hat{A}\hat{E}}(t_p) - 3\sigma_{\hat{A}\hat{E}}(t_p) + \overline{\Delta N}_{\text{DOA}}(t_p)) \\ &(\hat{C}_{\hat{A}\hat{E}}(t_p) - 3\sigma_{\hat{A}\hat{E}}(t_p), \end{aligned}$$

$$\begin{aligned} &(\hat{C}_{\hat{A}\hat{E}}(t_p) - 3\sigma_{\hat{A}\hat{E}}(t_p) + \overline{\Delta N}_{\text{DOA}}(t_p), \\ &(\hat{C}_{\hat{A}\hat{E}}(t_p) + 3\sigma_0(t_p)) \end{aligned}$$

$$\overline{\Delta N}_{\text{DOA}}(t_p)$$

$$\begin{aligned} &P(\Delta C(t_p) \in (\hat{C}_{\hat{A}\hat{E}}(t_p) - 3\sigma_{\hat{A}\hat{E}}(t_p), \\ &\hat{C}_{\hat{A}\hat{E}}(t_p) - 3\sigma_{\hat{A}\hat{E}}(t_p) + \overline{\Delta C}_{\text{PBE}}(t_p))) = \\ &= P(\Delta C(t_p) \in (\hat{C}_{\hat{A}\hat{E}}(t_p) - 3\sigma_{\hat{A}\hat{E}}(t_p) + \overline{\Delta N}_{\text{DOA}}(t_p), \\ &(\hat{C}_{\hat{A}\hat{E}}(t_p) + 3\sigma_0(t_p))). \end{aligned} \quad (3)$$

$$\overline{\Delta N}_{\text{DOA}}(t_p), \quad (3),$$

$$\overline{\Delta N}_{\text{DOA}}(t_p) \approx \text{DOA}(t_p) \Delta C_{\text{DOA}}^{\text{max}}(t_p). \quad (4)$$

.3, ,

$$(\hat{N}(t_p) > \hat{C}_{\hat{A}\hat{E}}(t_p)).$$

$$\overline{\Delta N}_{\text{DOA}}(t_p) = (\hat{N}(t_p) = \hat{C}_{\hat{A}\hat{E}}(t_p)).$$

$$\sigma_0(t_p) > \sigma_{\hat{A}\hat{E}}(t_p).$$

$\Omega_{\hat{A}\hat{E}}$

$$\begin{aligned} \Omega_{\hat{A}\hat{E}} &= \\ &= (\hat{N}(t_p) - 3\sigma_{\hat{A}\hat{E}}(t_p), \hat{C}(t_p) + 3\sigma_{\hat{A}\hat{E}}(t_p)). \end{aligned}$$

$6\sigma_{\hat{A}\hat{E}}$,

$$\begin{aligned} \Delta C_{\text{DOA}}^{\text{max}}(t_p) &= 6\sigma_{\hat{A}\hat{E}}(t_p). \\ \sigma_0(t_p) &= \sigma_{\hat{A}\hat{E}}(t_p). \end{aligned}$$

$$\Omega_{\hat{A}i} = \frac{\hat{C}(t_p) - 3\sigma_0(t_p)}{\hat{C}(t_p) + 3\sigma_0(t_p)}$$

$$= (\hat{N}_{\hat{A}E}(t_p) - 3\sigma_{\hat{A}E}(t_p), \hat{C}_{\hat{A}E}(t_p) + 3\sigma_{\hat{A}E}(t_p)).$$

“ ”.

$$\Delta C_{\text{DOA}}^{\max}(t_p) = 6\sigma_{\hat{A}E}(t_p).$$

$$\sigma_0(t_p) < \sigma_{\hat{A}E}(t_p).$$

$$\Omega_{\hat{A}i} = \frac{\hat{N}(t_p) - \hat{C}_{\hat{A}E}(t_p)}{\hat{N}(t_p) + \hat{C}_{\hat{A}E}(t_p)}$$

$$= (\hat{N}_{\hat{A}E}(t_p) - 3\sigma_{\hat{A}E}(t_p), \hat{C}_{\hat{A}E}(t_p) + 3\sigma_{\hat{A}E}(t_p)).$$

1. , 2010.
2. , 1962.
3. “ ”, 1999.
4. 1977.

$$\overline{\Delta N}_{\text{DOA}}(t_p) = \min\{3\sigma_0(t_p), 3\sigma_{\hat{A}E}(t_p)\}. \quad (5)$$

06.08.2013

**TECHNICAL EKONMOICHNYY RISK AS A PART OF TOTAL RISK SUCCESSFUL IMPLEMENTATION
OF STATE PROGRAM OF DEVELOPMENT OF ARMAMENT
AND MILITARY TECHINKOM**

I.V. Odnoralov

Technical and economic risk another one of the risks that may be exposed weapon systems development programs during their execution. In the article the calculation of key indicators of technical and economic risk - the value and probability measures of technical and economic risk.

Keywords: *technical and economic risks, the risks at implementation of development programs and equipment.*