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« 5-10 ».

3-4 »;

« 6,2-6,5 ».

[10],

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min,

(),

$$\mu_D(x_i) = \min \mu_{ij}, \quad j = 1, \dots, m$$

(1)

$$D = u_1 \cap u_2 \cap \dots \cap u_m,$$

$\mu_D(x_i)$ -

$x_i; D$ -

$m -$

$$\max \mu_D(x) = 0,85,$$

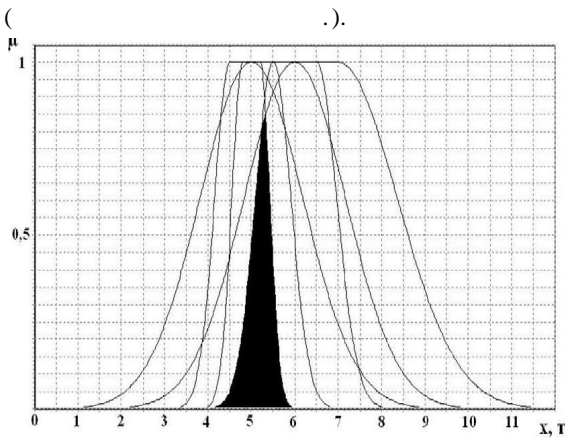
5,33

[11-12].

1	4,8 - 5,2
2	5,5 - 6
3	4,5 - 5
4	5,0 - 5,2
5	5,2
6	6 - 7
7	5,0 - 5,5
8	5 - 7
9	6
10	5,0 - 6,5

[10],
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(1)



(Max-Criterion)

[11].

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21.11.2008

**GROUND OF REQUIREMENTS TO THE PERSPECTIVE STANDARDS OF ARMAMENT AND MILITARY
TECHNIQUE WITH THE USE OF FUZZY SETS**

N. Kuprinenko, V. Golub

The analysis of the existent scientifically-methodical approaches is conducted to ground performance requirements to the perspective models of armament and military materiel. It is set that in modern terms on initial design stages they do not allow to fully take into account the vagueness of basic data and ambiguousness of description of process of the use of perspective standards of armament and military materiel. Offered approach is based on the use of concept of fuzzy set allowing to ground performance requirements to the perspective models of armament and military materiel in modern terms.

Keywords: performance requirements, armament and military materiel, fuzzy set.

621.434 (071)

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[3-5].

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