

... // - « » “ - 2009. - 6(21). - .239-250.
 « » - 2006. - 2. - .63-71.
 11. ... 20.10.2010 .

**ADVANCED METHOD OF TREATMENT EXPERIMENT OF DATA OF CHECK OF RANGE OF DETECTION
 OPTICAL-ELEKTRONIC MEANS OF INVESTIGATION COMBAT RECONNAISSANCE VEHICLE**

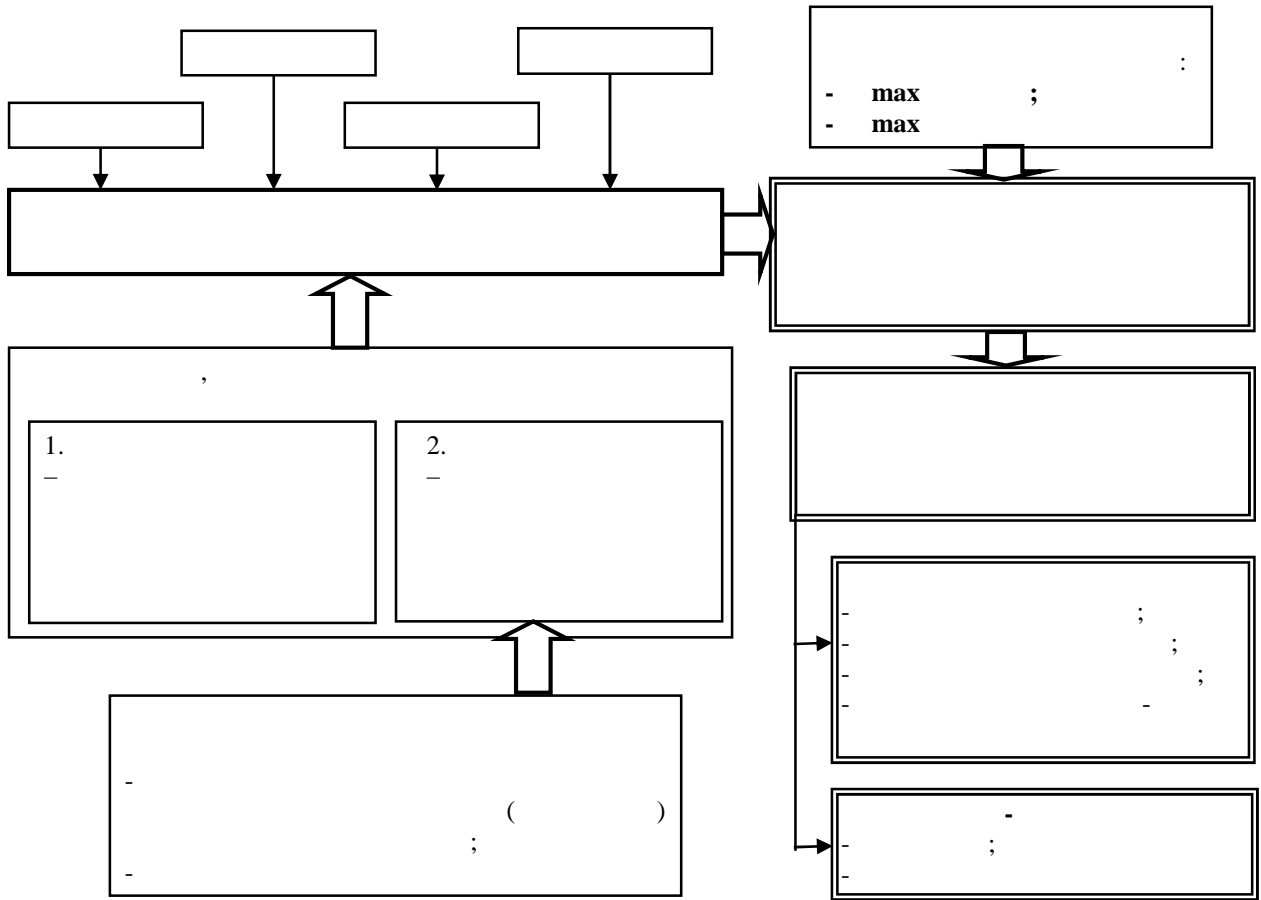
A.O.Levchenko, V.A.Bag nskiy

In article substantive provisions of a method of recalculation of the experimental data received during time Range of tests for opticalo-elektronical means of investigation for their rationing are resulted. Use of a method which is offered allows to provide statistical treatment of experimental values of range of detection opticalo-elektronical surveillance facilities combat reconnaissance vehicle which are received in various conditions and by origin are not homogeneous.

Keywords: *Objects of investigation, prospecting body, optical-elektronical surveillance surveillance facilities, combat reconnaissance vehicles, range of detection.*

621.396+629.7

, , () [2, 6].
 , , - ,
 , [1, 2, 3].
 - , .
 () ,
 (-) . [2, 6-9]
 2011 , (' , 2008 -
 , " -
 , .
 " [3]. , , , () -
 (,)
 . () .
 , .1 , , .
 , - .
 () NAVSTAR [1, 3]. ()
 , ()
 , - ,
 , ,
 [4, 5].
 NAVSTAR , - -
 . , , .
 () () . [10-12]
 . -
 , ; , ,
 - , ,
 , , .



.I. ,

, ,
[12 - 14].
o PHC

[15]:

$$= [(w_1 \leq w_1) \cup (w_2 \leq w_2) \cup \dots \cup (w_n \leq w_n)] \quad (1)$$

W_i - ;
 W_i -
PHC -

[15]

$$= (s_i \geq s_i), \quad (2)$$

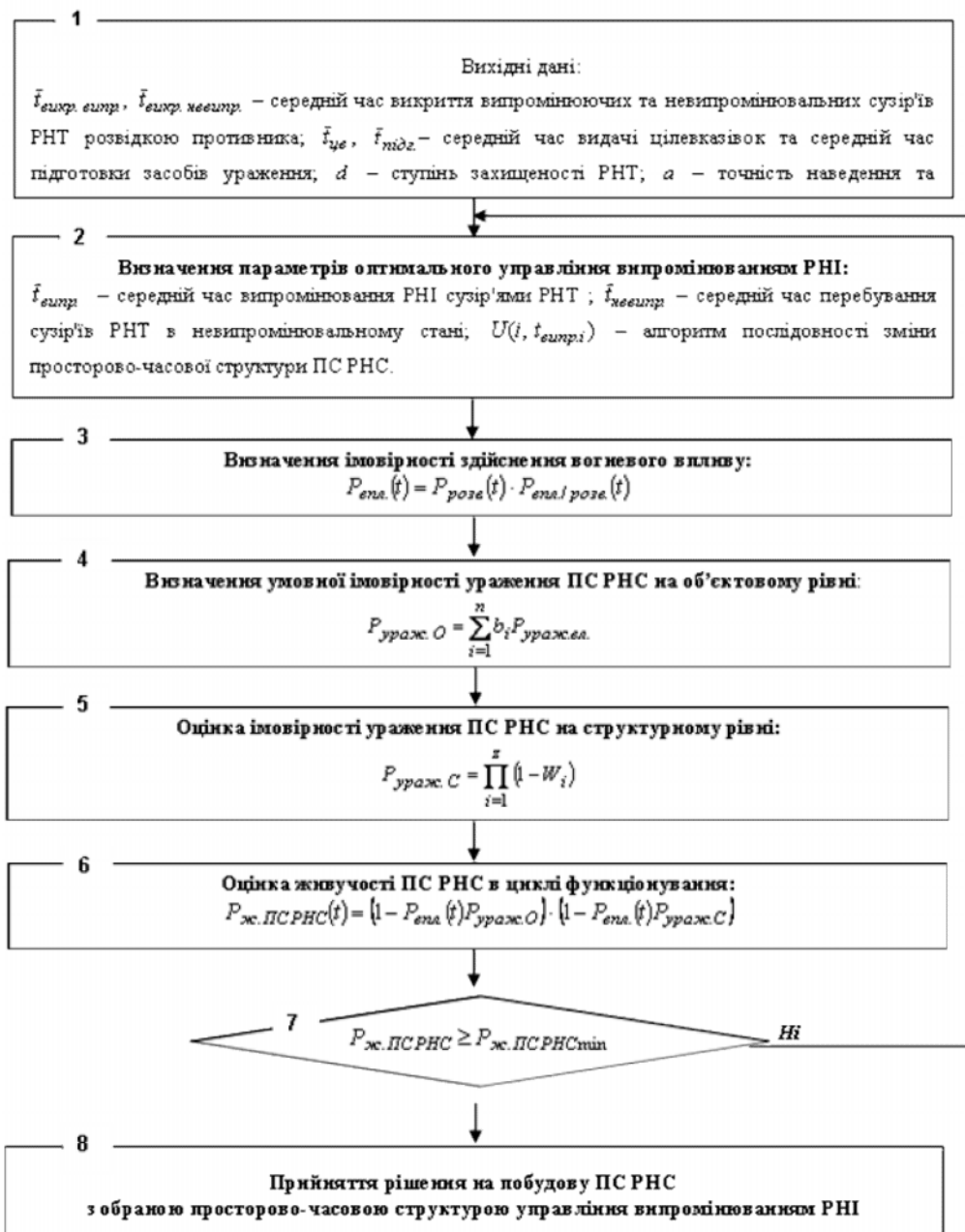
S_i S_i -
PHC

$N_{ж}$,
, $N_{ж} \geq N_{\min}$

$$= (N \geq N_{\min}). \quad (3)$$

[13, 14, 16, 17].

.2.



.2.

\bar{t} :
 ; \bar{t} -
 ; \bar{t} -
 ; \bar{t} -
 ; $d-$ ((,
); $a-$).

: \bar{t} -
 ; \bar{t} -
 ; $U(i, t_{emp.i})-$
 b_i -

1. (' , ,) . 17
2003 . 410- .
2. /
2007. - 210 .
3. " / [. ; . - :
2001. - 108 .
4. / [. ; . - :
2007. - 508 .

6. : . 68960 13. /
 . G 01 S 5/02 / , [.];
 ; - 20031110538; - : , 1984. - 216 .
 21.11.2003; . 16.08.2004, . 8. 14. , //
 7. / [. ,] - 1984. - 12. - . 151-
] ; - [2- 160.
 .]. - : , 1993. - 408 . 15.
 8. /
 - : , 2005. - 272 . /
 9. / // "
 - : "
 2004. - 328 . 2010. - 5 (98). - . 115-120.
 10. / [. 16.
 . .]. - : / - : ,
 , 1979. - 358 . 1987. - 285 .
 11. 17. -
 / - : , - : , 1987. -
 1964. - 132 . 216 .
 12. 21.10.2010 p.
 / , ,
 // : ,
 2009. - 4(20). - . 101-104.

THE METHOD OF OPTIMAL CONTROL BY TIME-SPACE RADIATION OF RADIO-NAVIGATION INFORMATION PARAMETERS CALCULATING IN PSEUDO-SATELLITE RADIO-NAVIGATION SYSTEM

O.V. Lavrinchuk

The article analyzes the existing approaches to evaluate the survivability of complex military systems and the method of optimal control by radiation of radionavigation information parameters calculating is proposed, which is based on the survivability evaluation of pseudo-satellite navigation system in a functioning cycle.

Keywords: pseudo-satellite navigation system, survivability, radiation control parameters of radionavigation information.