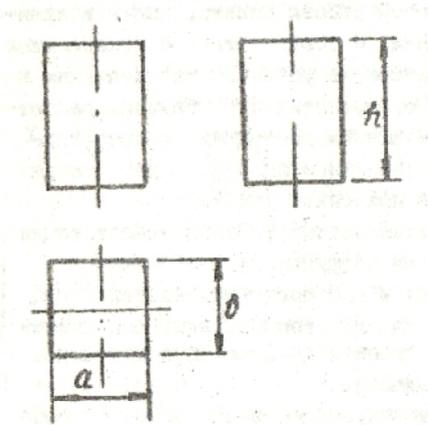


1.

1.

16483.10

« .  
».



. 1.

$h=30$

:  $a=20$  ,  $b=20$  ,

1.

$a \cdot b = 20 \cdot 20$

:

$h=30$  ( . 1).  
16483.0 « .

».

2.

b

0.1 :

= \_\_\_\_\_ ; b = \_\_\_\_\_ ; h = \_\_\_\_\_ .

3.

4.

5

2.5

5.

$$25000 \pm 500 / 1\%$$

6.

16483,7

1%.

$$W = \text{_____} \%$$

7.

0.5

$$w = P_{\max} / (a \cdot b) = \text{_____} / \text{_____} = \text{_____}$$

,  $P_{\max}$  - , ;  
 , b - , .  
 w

8.

W=12

%:

$$12 = w / w = \text{_____} / \text{_____} = \text{_____}, \quad W \%$$

$$w = 0,04 -$$

2.

N=60

,  
 ,  
 ,  
 =  $12 = \text{_____}$  1.  
 , , ,

«STATIS.BAS», -

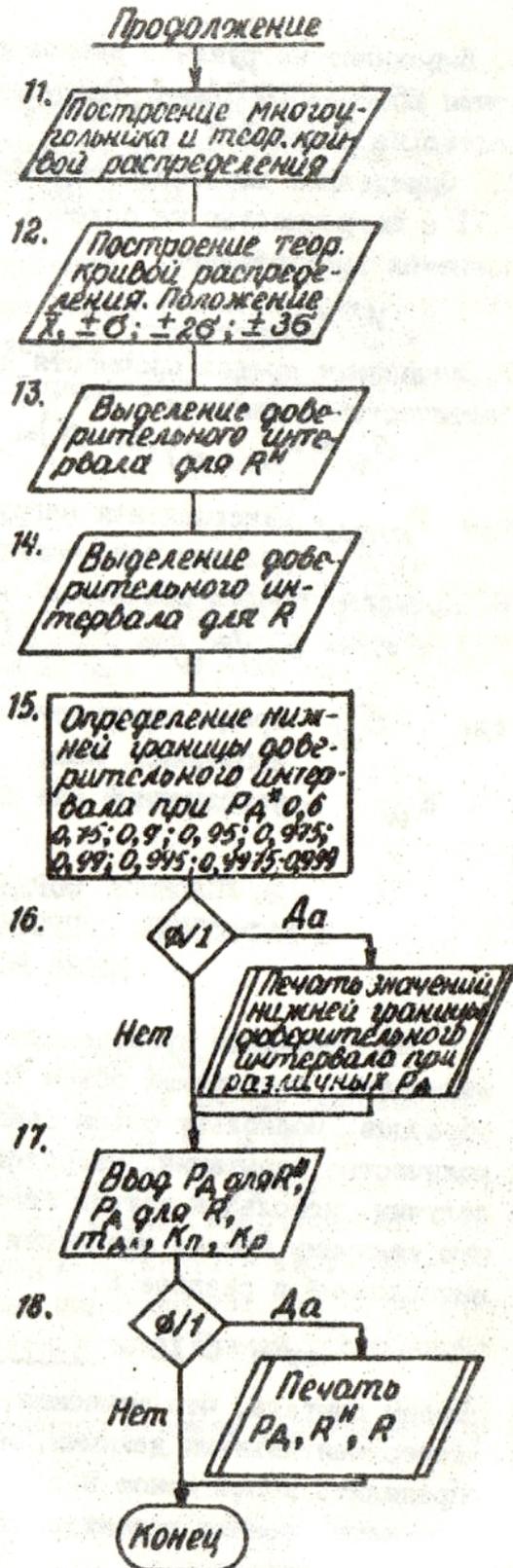
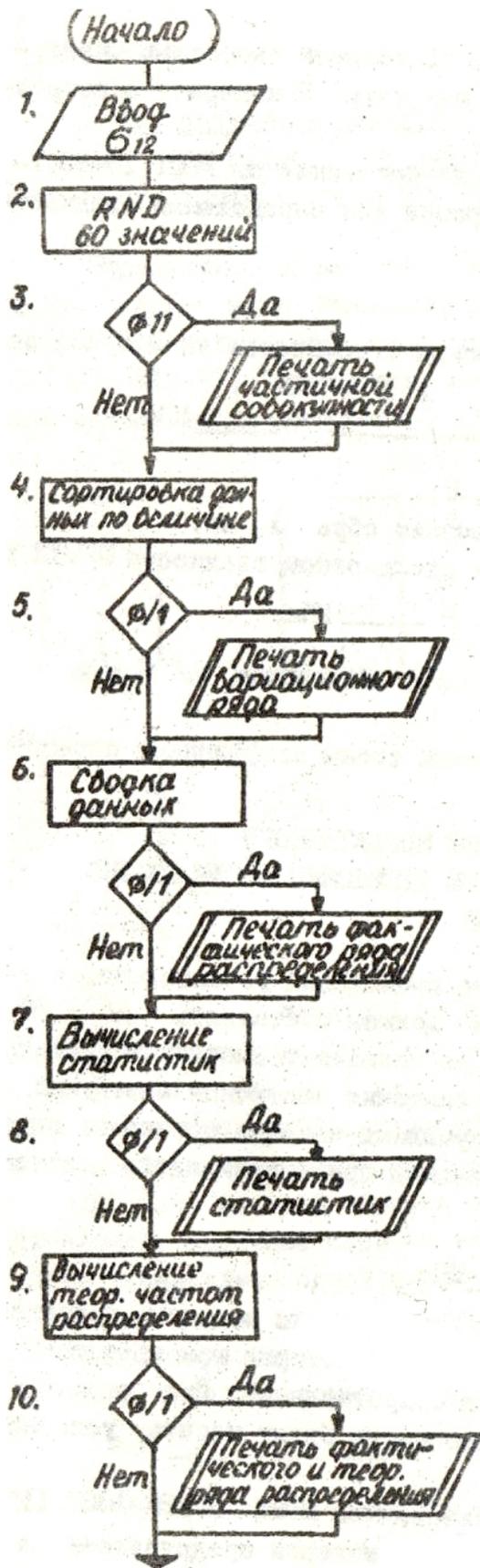
2.

« - ».

( . ).

$$12 = \text{_____};$$

- (  $R_H, P = 0.95;$  )  
 - (  $R, P = 0.99;$  )  
 - ,  $m = 0.66;$  )  
 - ,  $= 0.8;$   
 - - ,  $= 0.8.$   
 :  
 :  
 - ; -  
 - ;  
 - ;  
 - ; -  
 - ;  
 - ,  
 $\pm n \cdot 6,$   
 $n = 1, 2, 3,$  ;  
 - ( ) ;  
 - .  
 ( . - , .2 )  
 .



1.  $N = \underline{60}$

2.  $W = \underline{\hspace{2cm}}$

3. min  $\underline{\hspace{2cm}}$

4. max  $\underline{\hspace{2cm}}$

5. :

Xj	
Nj	

6. :

-  $= \underline{\hspace{2cm}}$  ;

-  $= \underline{\hspace{2cm}}$  ;

-  $V = \underline{\hspace{2cm}}$  %;

-  $m = \underline{\hspace{2cm}}$  %;

-  $= \underline{\hspace{2cm}}$  %;

- :

-  $= \underline{\hspace{2cm}}$  0; (<> 0);

-  $= \underline{\hspace{2cm}}$  0; (<> 0);

-  $m_A = \underline{\hspace{2cm}}$  ;

-  $A/m_A = \underline{\hspace{2cm}}$  ;

-  $m_E = \underline{\hspace{2cm}}$  ;  $E/m_E = \underline{\hspace{2cm}}$  ;

7.  $= 0.95 \underline{\hspace{2cm}}$  ;

8.  $= 0.99$

$\underline{\hspace{2cm}}$  ;  $= \underline{\hspace{2cm}}$ .

9.  $R_H = \underline{\hspace{2cm}}$ .

10.  $R = \underline{\hspace{2cm}}$ .

11.  $m = 0.66, = 0.8, = 0.8.$

1. ,

2.  $V = \underline{\hspace{2cm}}$  %.

3.  $= \underline{\hspace{2cm}}$  5% (<> 5%),

( )

4.  $A/m_A = \underline{\hspace{2cm}}$   $E/m_E = \underline{\hspace{2cm}}$  3 (<> 3),  
 ( )

5. ( )  
 ,

= 0.9

= 0.95                      ,

= 0.99                      .

6.                      %

**«STATIS.BAS»**

```

:
1.                               . *
2.                               .
   (RND).
3.   /                               - .
   . *                               (0/1)
4.   -
   ,
5.   /                               .
   (0/1)
6.   .                               n = 9
   , -                               ( ),
   .
   :
   . /                               (0/1)
7.   .
   .
8.   /                               (0/1) -
   . *

```

9.

- ,

10.

/ (0/1)

-

11.

,

12.

( )

,

$\pm$  ,  $\pm 2$  ,  $\pm 3$  .

13.

,  
0.95

R .

14.

,  
0.95

R.

15.

,

0.6,

0.75, 0.9, 0.95, 0.975, 0.99, 0.995, 0.9975, 0.999.

16.

/ (0/1)

.15. \*

17.

:

R ; R; m , , .

18.

/ (0/1)

.

.

1.

(\*)

2.

- .2.