

... , ... , ... ” ...

() : - -
 (), ; - -
 (), - -
 () , - -
 () [1].
 () ,
 () , I . - -
 [2]. $I^{(3)}_{max}$

$$I^I_1 = \frac{k}{n} \frac{k}{k} I^{(3)}_{max} . \tag{1}$$

$I_{.max}$

$$I^{III}_1 = \frac{k}{k} \frac{k}{n} \frac{k}{k} I^{(3)}_{.max} , \tag{2}$$

$k , k , k , n -$

, ; $k -$ - -

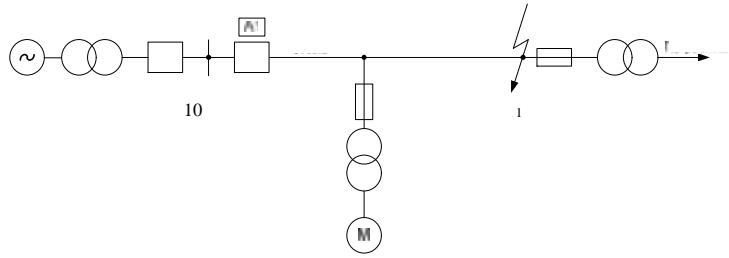
2,5.

« » 1,5.
 (. 1)

A1

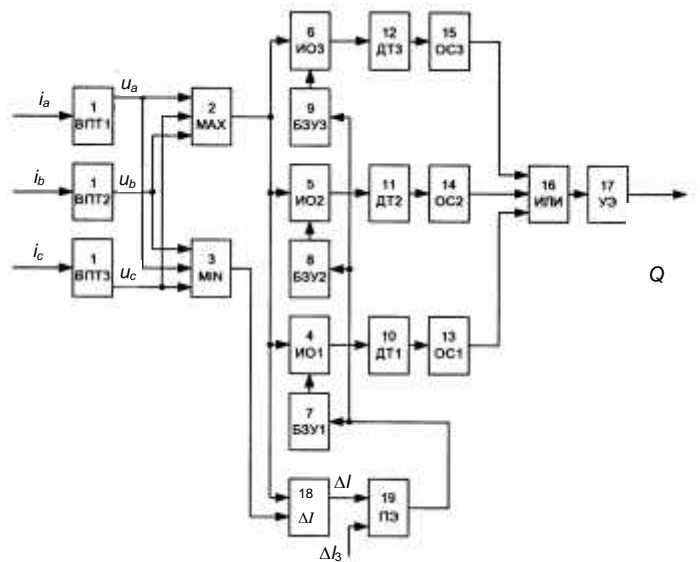
50 % U ,

1 - 70 % U ,



. 1.

1 (1, 2, 3),
 2 () 3 (IN),
 4, 5, 6 (1, 2,
 3)
 7, 8, 9 (1, 2, 3),
 10, 11, 12 (1, 2, 3),
 13, 14, 15 (1, 2, 3) 16 ()
 17 (),
 18 (D)
 19 (), 7, 8, 9 4, 5, 6



. 2.

I_{\min}
 I

$$\Delta I = \frac{I_{\max} - I_{\min}}{I_{\max}} \quad (3)$$

I
(1), (2).
 I
(4), (5),

$$I^I_2 = \frac{k}{n} \frac{k}{n} I^{(2)}_{\max} \quad (4)$$

I

$$I^{III}_2 = \frac{k}{n} \frac{k}{n} I \quad (5)$$

I 2,5...4

i_a, i_b, i_c

u_a, u_b, u_c

2

3,

I_{\min}

i_a, i_b, i_c
 $I_{\max} I_{\min}$

18

I_{\max}

I

$I.$

$I < I$

$I'_{y1}, I''_{y1}, I'''_{y1}$, I_{\min} (1), (2), I_{\max}

I_{\max}

$I > I$

7, 8, 9

$I'_{y2}, I''_{y2}, I'''_{y2}$, I_{\max}

(4), (5).

$I'_{y2}, I''_{y2}, I'''_{y2}$, Q

$I < I$

19

I_{\max} $I'_{y2}, I''_{y2}, I'''_{y2}$,

1. , 1976. – 560 .

2. , 1976. – 680 .

14.12.2004