

1 -

1951. 2. : 1. 8. — 3.
 , 2007. 4. , 1983.

62-83-52

_____ . . .

20 – 30 % ,

10 – 15 %
 [1].

[2].

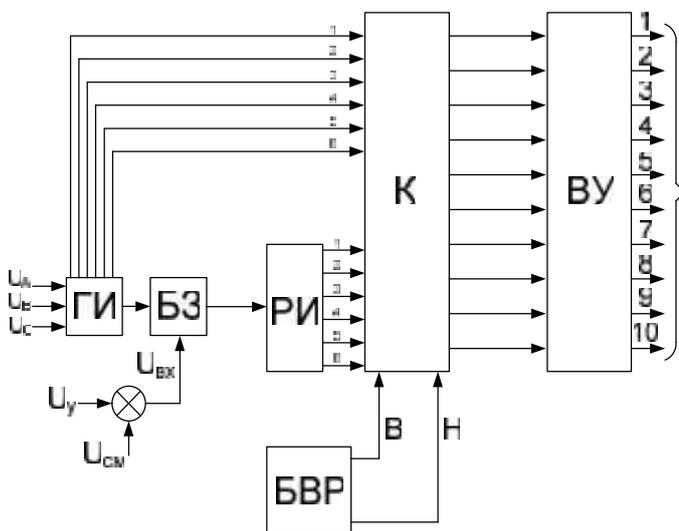
15 - 20 %

[3]

(-).

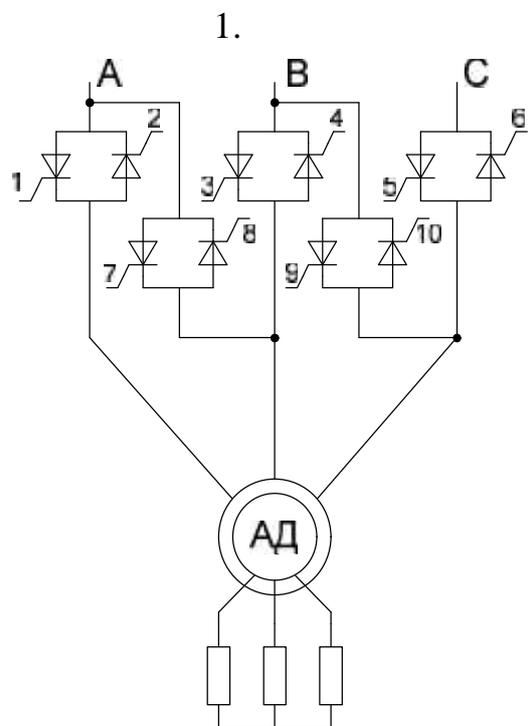
90 ÷ 120 .

[4,5]



1 -

Matlab



1.

Simulink
SimPowerSystem,

2 3.

