

621.395

...

,

:

N

N

()

()

()

(), ()

() [1].

()

(.3).

()

()

()

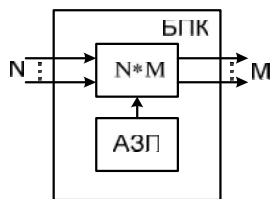
N - M -

(. 1).

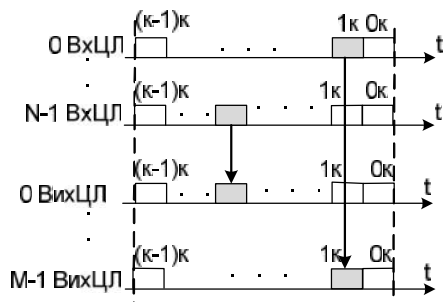
2.

.3.

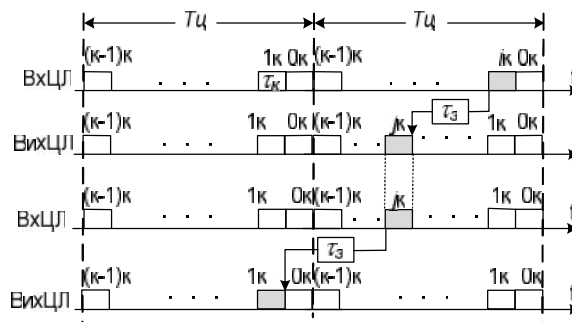
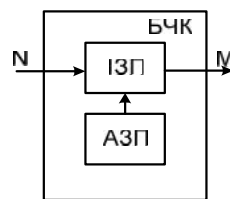
4.



.1.



.2.



.4.

4,

(†)

i j ,

$i < j$, $j > i$, [2, 3].

$$t_k = (j-i)t_k, \quad (1)$$

$t_k -$

$$i > j, \quad t_k = (k-i+j)t_k, \quad (2)$$

$k -$

$$T = 2 + \dots, \quad (3)$$

$$= + = \frac{\times k \times n}{100} + \frac{M \times k \times \lceil \log_2 k \rceil}{100}, \quad (4)$$

5

$$\llcorner - \llcorner = N \times N \times n + \frac{N \times k \times \lceil \log_2 N \rceil}{100}. \quad (5)$$

$N=16.$

(.5)

($n=8$).

$M=16.$

()

$n-$

$k=32.$

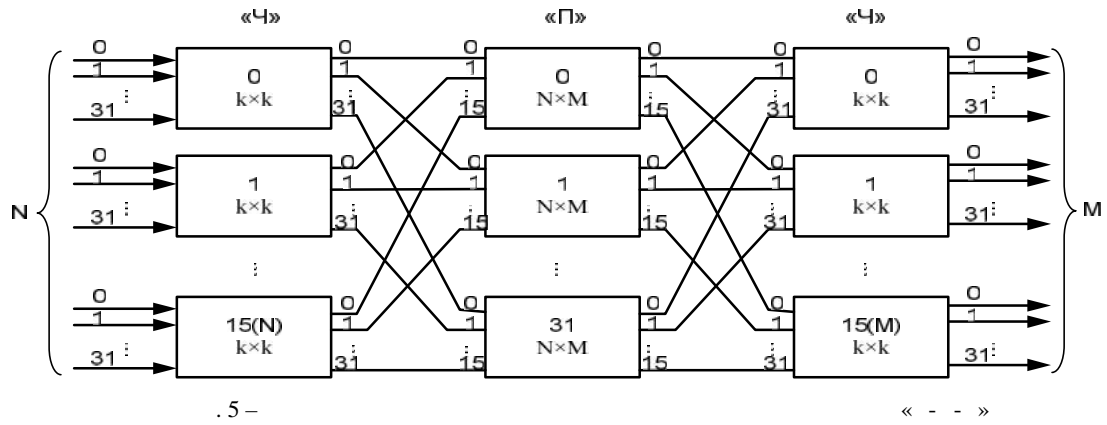
n

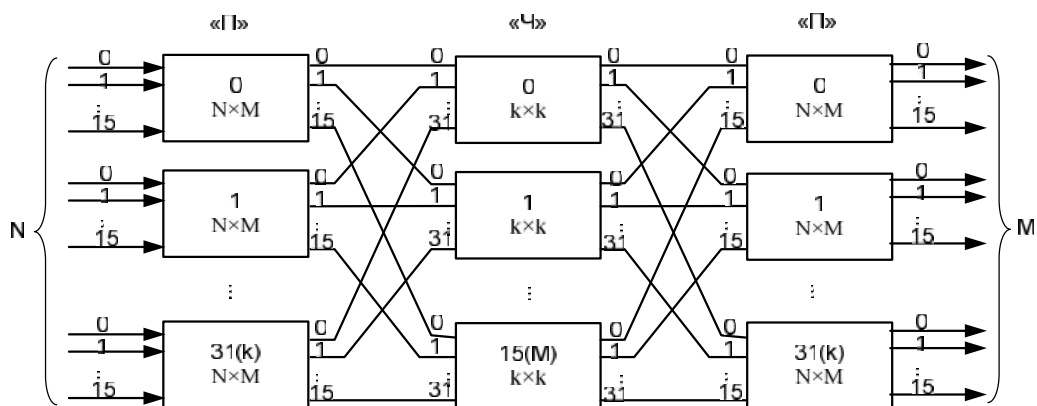
$n=8.$

3, 4, 5,

$$T = 2201,6.$$

« - - », .6.





. 6.

« - - »

« - - »:

$$T = 2 + \dots (6)$$

4, 5, 6

, $T = 4203,5$.

1. . . . ,

. . . . , 2003. – 255 .

2.

. /

. - -

, 2004. – 640 .

3. К.П. Сторчак. Дослідження одноланкових комутаційних полів різної структури, Зв'язок №4, 2013, с. 54-56.

(.),

« - - ».

($n=1$),
337,92,

583,68

« - - ».

11.04.2014

« - - ».

STUDY OF THREE-SWITCHING FIELDS OF DIFFERENT CONFIGURATIONS

K.P. Storchak

Efficiency of digital three-switching fields variable capacity which is most widespread at the construction of all without the exception of the switching systems of modern digital telephone exchanges is examined.

Keywords: three-switching fields, DSS.