



621.316.925

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•
:

$$U = \frac{1}{T} \int_t^{t+T} |u(t)| dt, \quad (1)$$

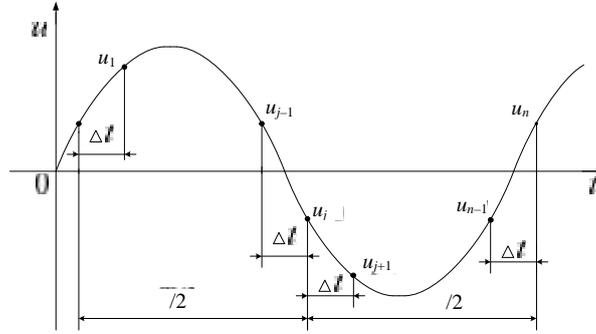
$u(t)$ - ; T - , -
(1) -

$$U = \frac{1}{n} \sum_{i=1}^n |u_i|, \quad (2)$$

n - ; u_i - ,
 Δt . -
(2) , ,
. 1,

$$U = \frac{1}{n} (|u_1| + \dots + |u_j| + \dots + |u_n|). \quad (3)$$

U . , k



. I.

$$\Delta t = \frac{1}{f n}. \quad (4)$$

Δt

Δt

f

[1].

(3)

u_j ,

u_j

f

f

Δt

f

$$\Delta t \neq \frac{1}{f n}.$$

u_1, u_{n-1}, u_n

u_{j-1}, u_{j+1}

(5) (7).

50
48...50

1...17 %

48...50

k,

n = 10

$$U = \frac{1}{50} [|u_1| + |u_2| + |u_8| + |u_9| + |u_{10}| + 9(|u_3| + |u_4| + |u_5| + |u_6| + |u_7|)] \quad (9)$$

n = 12

$$U = \frac{1}{60} [|u_1| + |u_2| + |u_{10}| + |u_{11}| + |u_{12}| + 5(|u_3| + |u_9|) + 9(|u_4| + |u_5| + |u_6| + |u_7| + |u_8|)], \quad (10)$$

48, 21 %, (9), . . . 4 %

(5), (10) 48

1,5 %

(7)

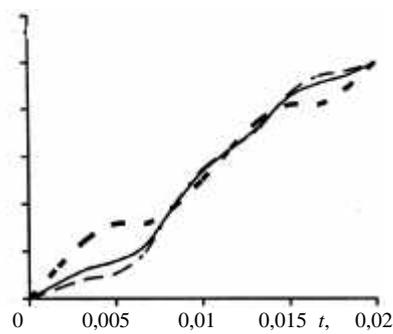
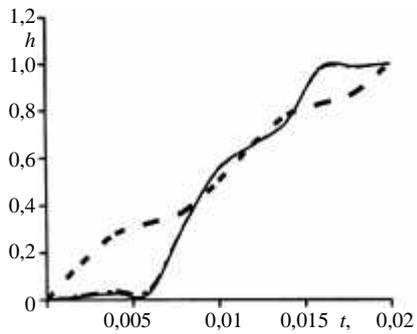
(3), (5)...(8)

90°

. 3.

(3)

(5)...(8),



. 3.

(3), (5)...(8): - n = 10 - - - - - (3), — - (5),

- - - - (6); - n = 12 - - - - (3), — - (7), - - - - (8)

n > 12,

(3),

n 12.

1.

« », 2001. - 133 .

8.10.2004