
[1, 2].

[2].

$$R_0 \cdot i_0 + \frac{1}{C} \int_0^t i_0 dt + L_0 \frac{di_0}{dt} + M_{01} \frac{di_1}{dt} + M_{02} \frac{di_2}{dt} + \dots + M_{0p} \frac{di_p}{dt} = U_0 ;$$

$$R_1 \cdot i_1 + L_1 \frac{di_1}{dt} + M_{01} \frac{di_0}{dt} + M_{12} \frac{di_2}{dt} + \dots + M_{1p} \frac{di_p}{dt} = 0 ;$$

.....

$$R_p \cdot i_p + L_p \frac{di_p}{dt} + M_{0p} \frac{di_0}{dt} + M_{1p} \frac{di_1}{dt} + \dots + M_{p-1p} \frac{di_{p-1}}{dt} = 0 ,$$

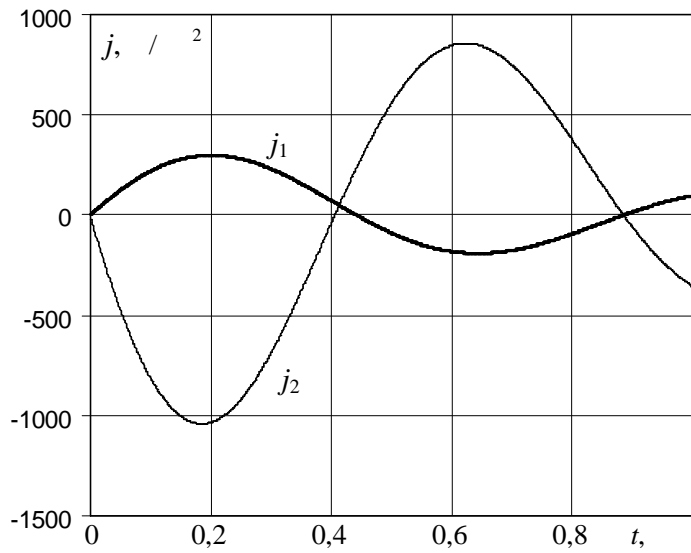
0 - ; 1...p - ,

; R_0, L_0 - ; $L_1 \dots L_p$ -

; $R_1 \dots R_p$ -

; $M_{01} \dots M_{p-1p}$ -

MATLAB.



. 1.

j_1 j_2
 $8,0 \times 0,5$ 2

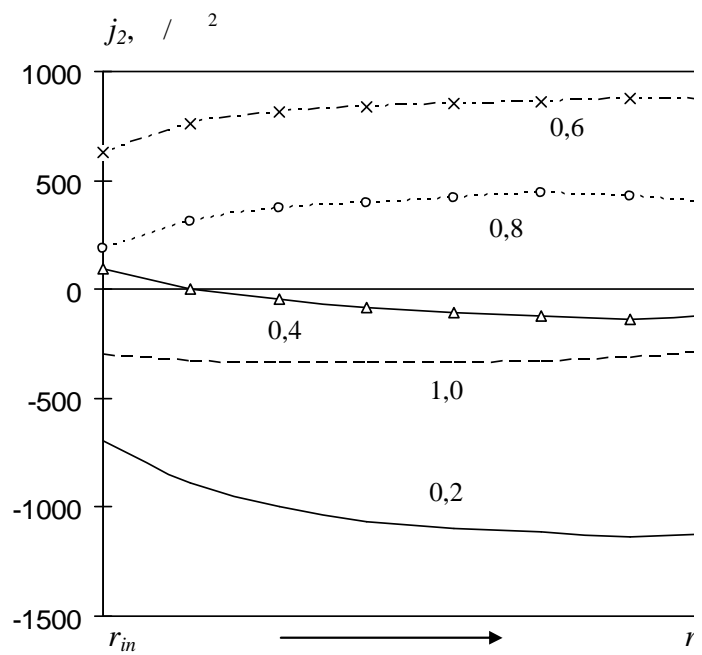
2,0

. 1

j_1

j_2

(. 2).



. 2.

r_{in}

r_{ex}

[1, 2].

: 1.
 . - : « », 2001. – 273 . 2.
 . - : « », 2006. – 260 .

615.84

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 , - , , ,
 - . . . [1]. , -
 , -
 . (717, -1) -
 (-1, -2) -
 50 100 (. .1,).

(40 %

10 %),

[2].