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( )  
 ( ).  
 [1].  
 ( ).  
 ( ), [2] - [3].  
 ( )

1500/110-116

60500

10,5

=58,

$d_{se}=15$

$d_s=14,5$

$Q_s=720,$

$\delta=18$

V9

dx

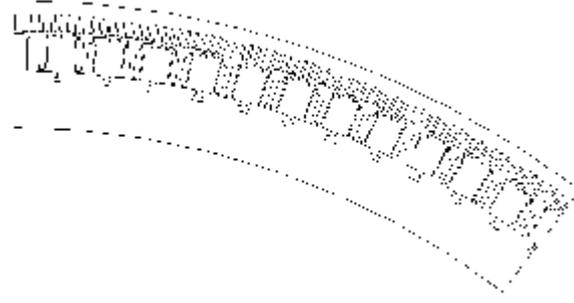
FEMM

[3].

$$\nabla \times \left[ \frac{1}{\mu(B)} \nabla \times (\vec{k} A_z) \right] = \vec{k} J_z$$

$A_z, J_z$

$\vec{k}$ ;  $\mu$



1513

3-

(.1),

[1].

$$F_o = N_E I_o, \quad N_E = 17$$

$I_o = 916,5 \text{ A}$

FEMM.

.2,

Genuine Intel 2,2 GHz

3

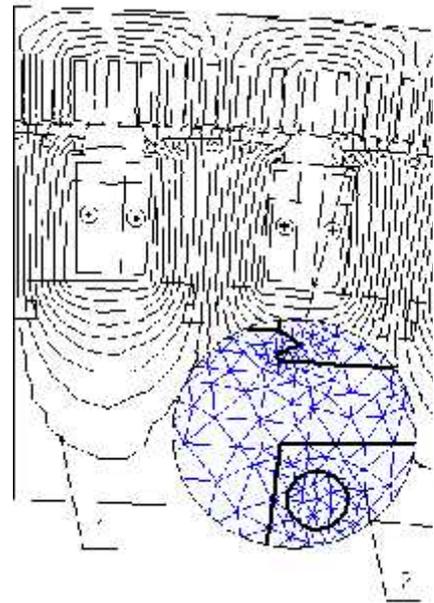
[1]

[1]:  $\sigma = 0,261$  ,  
 $\sigma = 0,248$  .

[2]  $d_s = 1,5$   
 $m = 1,357$  ,  
 $m = 1,52$  .

[2].

$d_s = 1,485$



. 2.

- 1, -  
- -2

5...7%,

: 1.

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[1].