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 ./ : +7(812)2741533; E-mail: victorm@crism.ru

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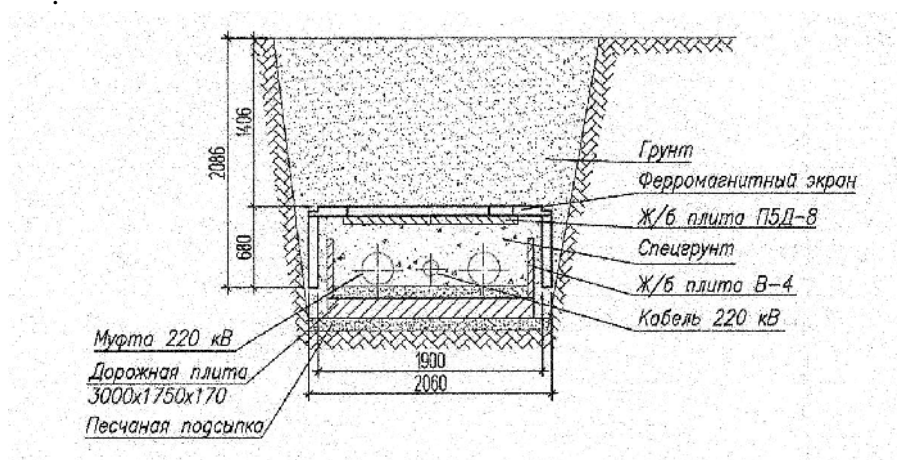
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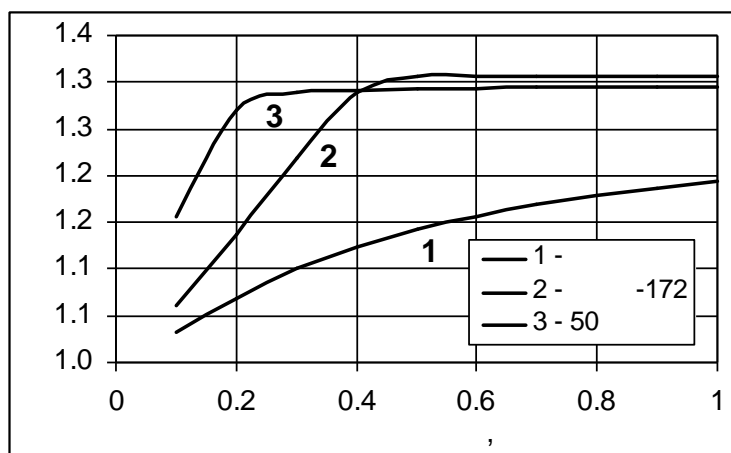
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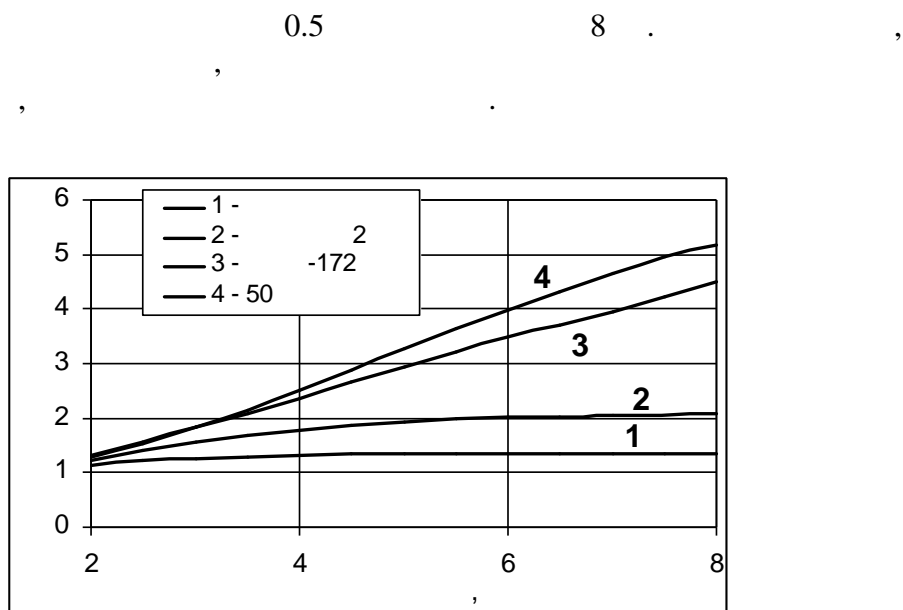


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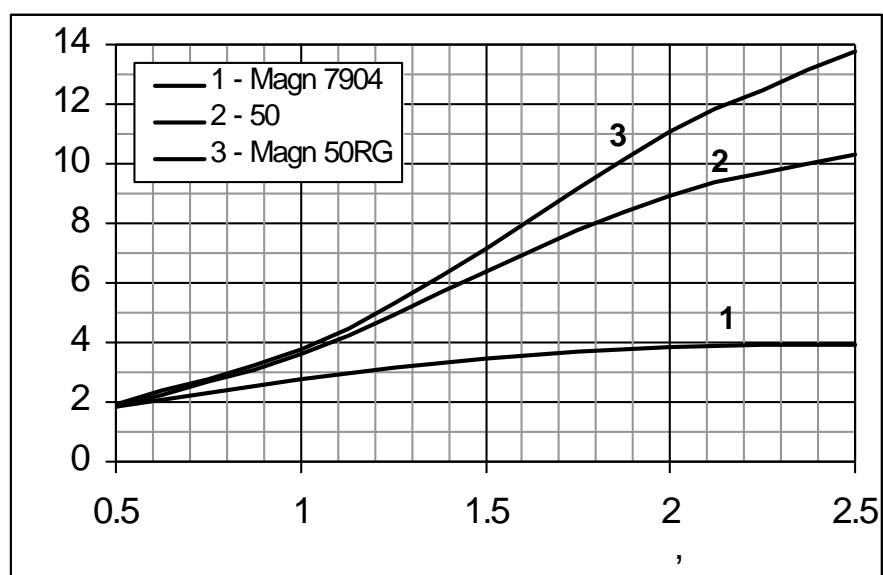
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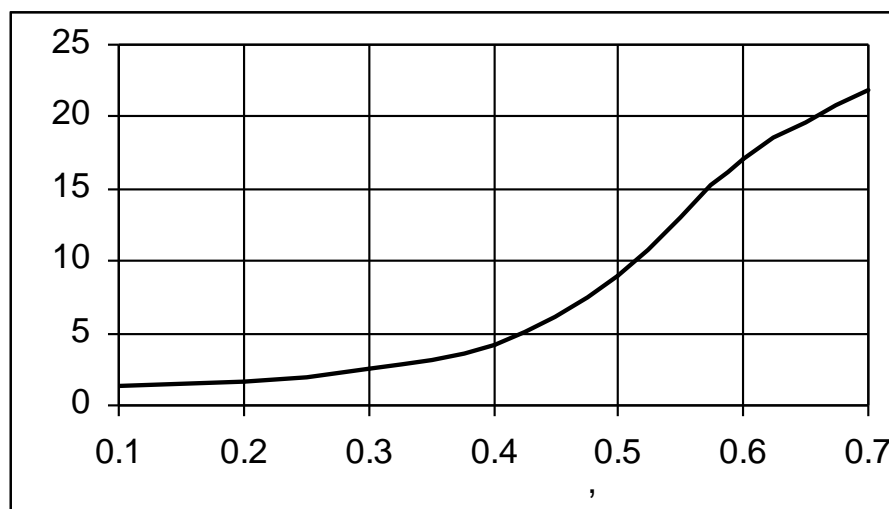
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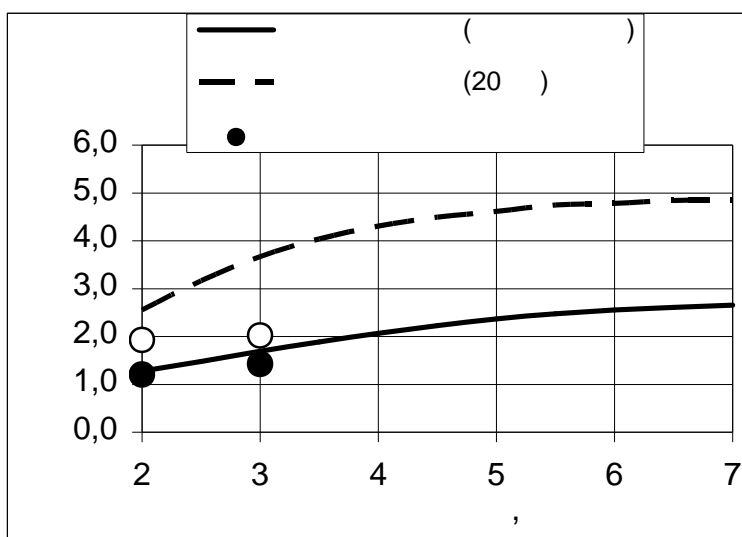
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**UNDERGROUND CABLE POWER LINE
SHIELDING FOR ELECTROMAGNETIC
ECOLOGY MAINTENANCE**

The paper considers the problem of magnetic shielding of underground cable power lines. The finite element calculation of the shielding ratio for the clutch cable shield is made.

he different samples of high-permeability alloy shields are calculate. The good calculated-to-experimental comparison for test sample is obtained.

Key words: Electromagnetic ecology, underground cable power line, magnetostatic shield, high-permeability alloy, finite-element simulation.

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