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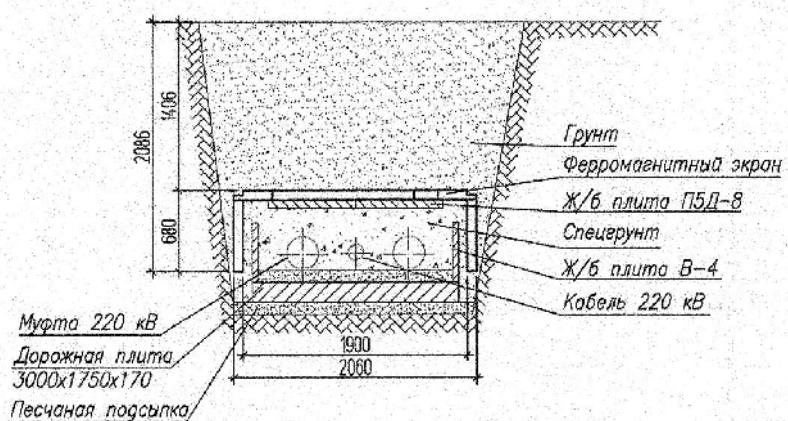
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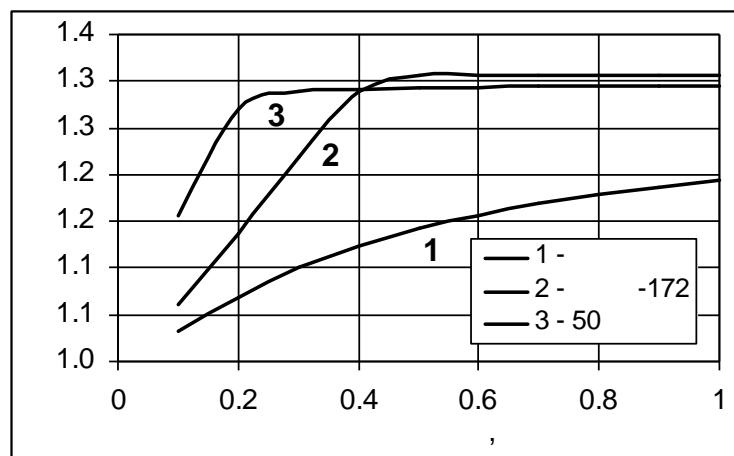
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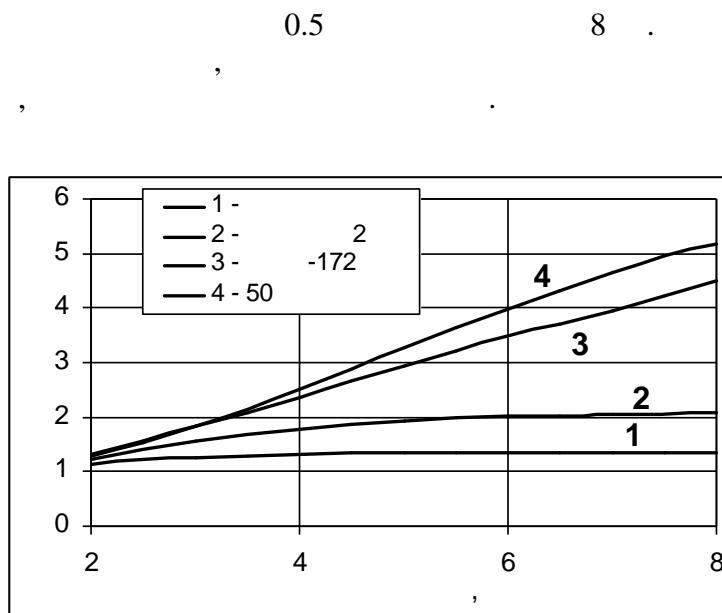
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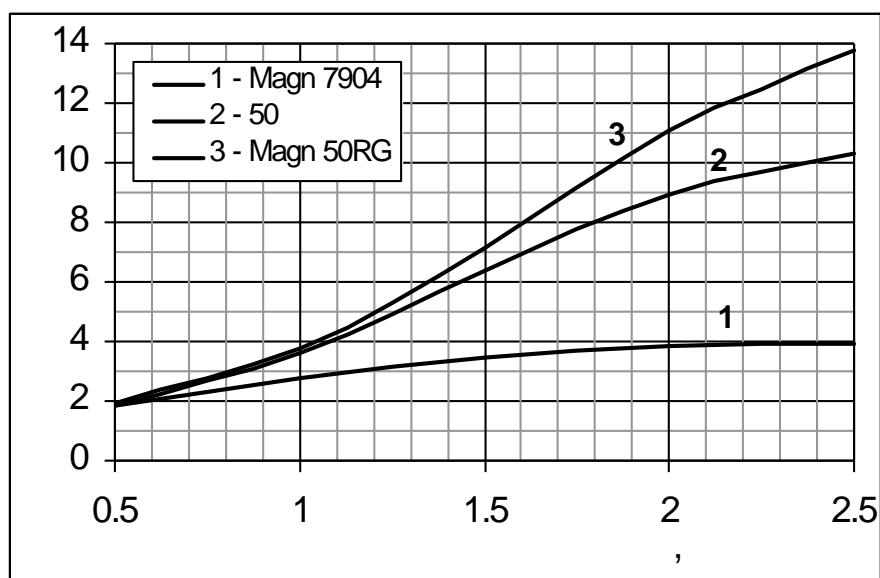
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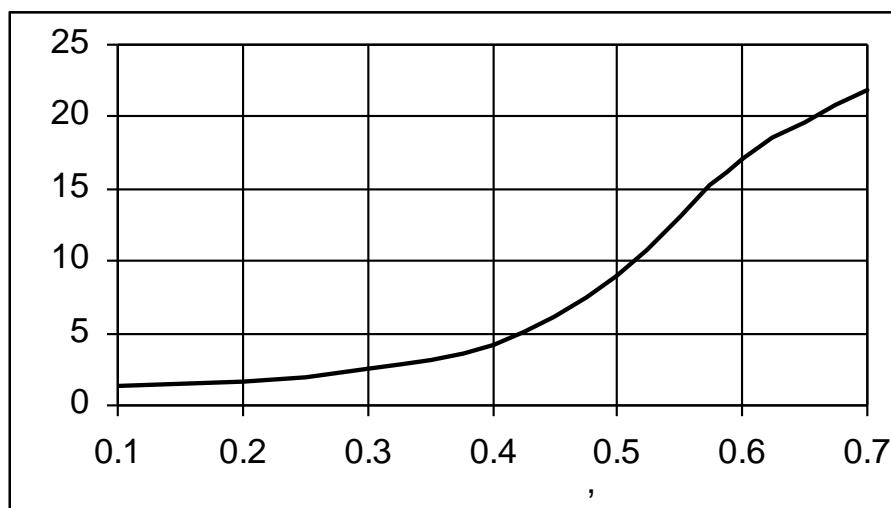
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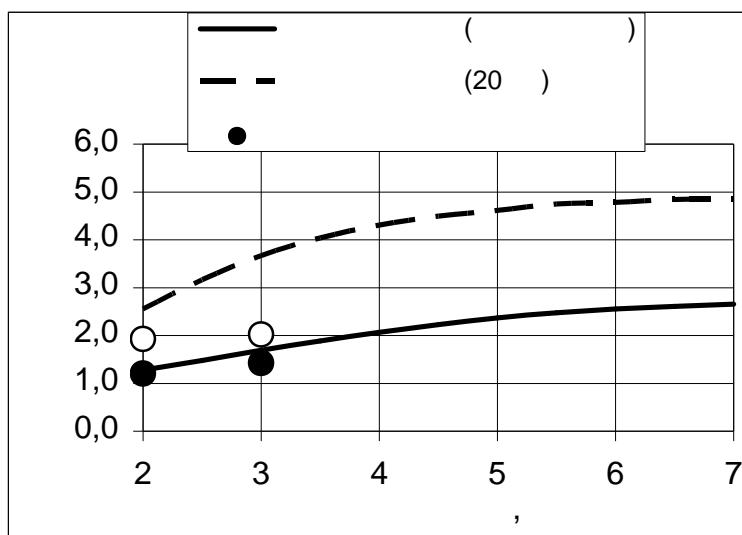
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Farmakovskyi, A.S. Zhukov*

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.

the different samples of high-permeability alloy shields are calculated. 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.

31.05.2013 .