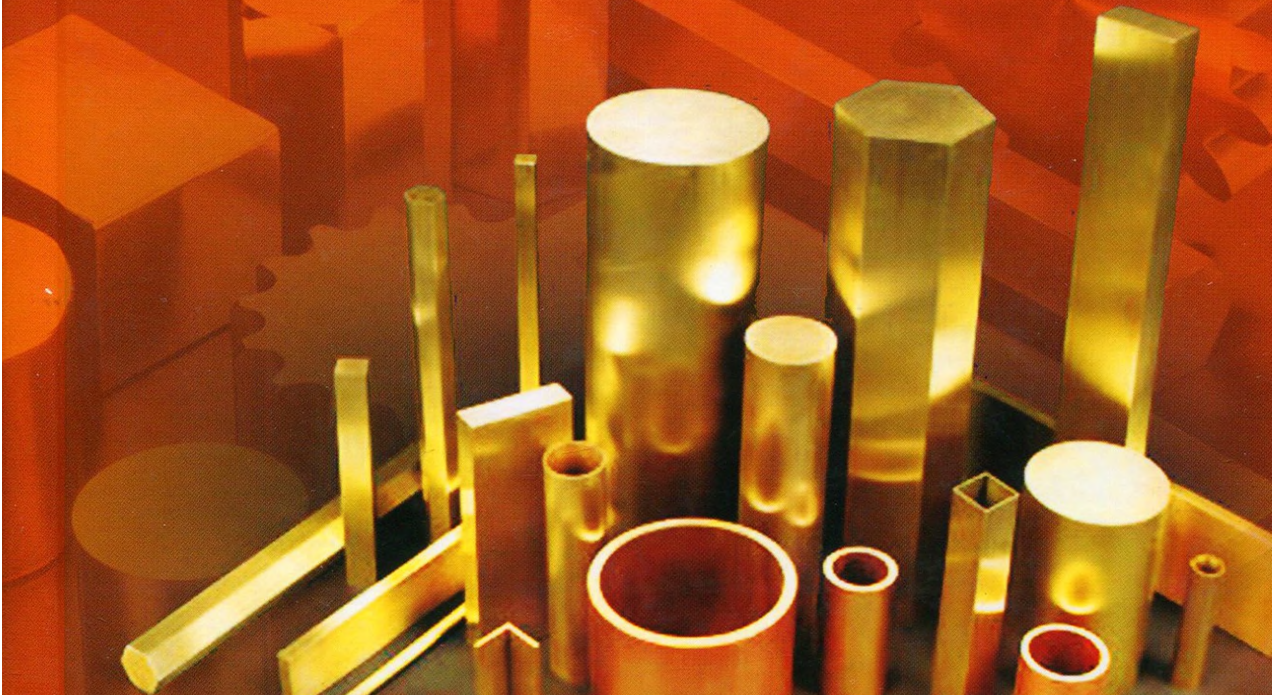


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А.М. ВЕРХОВЛЮК, О.А. ЩЕРЕЦЬКИЙ,
Р.А. СЕРГІЄНКО

ФУНКЦІОНАЛЬНІ МАТЕРІАЛИ НА ОСНОВІ МІДІ ІЗ ЗАДАНОЮ ЕЛЕКТРОПРОВІДНІСТЮ



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A number of technological factors that influence the electrical conductivity of copper-based alloys were described in the monograph. These include: alloying, the structure of modifiers, the rate of cooling during crystallization of the alloy, the annealing process, thermoplastic treatment, and others. The example of the copper-zinc alloy system shows the possibility of developing perspective multicomponent alloys with specified electric conduction.

For scientists and engineers, students, postgraduates and lecturers specialized in the field of metal science, metallography, metallurgy and foundry engineering.

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