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**MAGNETORESISTANCE PECULIARITIES AND MAGNETIZATION OF MATERIALS  
WITH DIFFERENT KINDS OF SUPERCONDUCTIVE INCLUSIONS**

Low temperature crystal properties with superconducting inclusions of different types have been studied. In an approach of small sizes of inclusions (the inclusion radius is less than the coherence length/the penetration depth) the magnetoresistance theory of crystal with two different types of inclusions was developed and magnetization as magnetic field function was calculated.

*Keywords:* spherical superconductive inclusions, magnetoresistance, magnetization, type-I superconductors.