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## High-Tc Superconducting Materials

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By Rashid Mahmood

LAP Lambert Acad. Publ. Jun 2011, 2011. Taschenbuch. Book Condition: Neu. 220x150x6 mm. This item is printed on demand - Print on Demand Neuware - Superconducting materials, made up of metals, alloys and compounds are more important due to the characteristics of zero electrical resistance and magnetic levitation. In the present study, Bi (2223) system doped with various metal ions such as antimony, thallium and gallium and their structural, electrical and magnetic properties were investigated. These dopants were found to be useful in enhancing the zero resistivity temperature  $T_c(0)$ . This study is useful for the researchers in advanced conducting materials, metallic compounds, and oxides. It is also the source of reference for the material scientists, especially those who are working on high-Tc superconducting materials. 104 pp. Englisch.



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