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The Structure of Isoenergetic Surfaces of Bi at the L-Maximum

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Magneto-thermoelectric properties of the semimetal Bi provide information not only about the scattering of carriers, but also about the number and relative localization of band extrema in k-space (1, 2).

Conclusion about the structure of the valence band can be drawn from the rotation curves of the magneto-thermo-e. m. f. (3) and the conditions of the commutation effect (2) arising in Bi-Sn alloys. This paper deals with the above mentioned properties of the alloy Bi-0.3at%Sn.