

CALCULATION OF ISOTHERMS OF LIQUIDUS AND SOLIDUS SURFACES IN InP – InAs – InSb QUASI-TERNARY SYSTEM

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The account of temperature-concentration dependence for relative integrated molar free Gibbs energy for several polythermal joins of InP – InAs – InSb quasi-ternary system has allowed to establish the area of possible disintegration for $\text{InP}_x \text{As}_y \text{Sb}_{1-x-y}$ alloys. The liquidus isotherms of T - x - y ternary system were calculated in terms of the regular solutions theory.