

Fig. 1

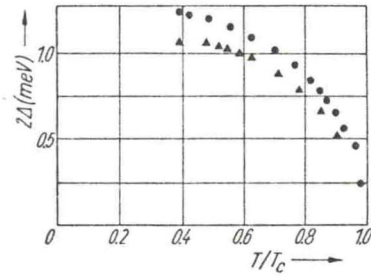


Fig. 2

Fig. 1. I-U characteristics of a Sn-I-Sn junction at  $P = 0$  and  $P = 8.2$  katm. Normalized units are along the I-axis

Fig. 2. Temperature dependence of the energy gap of tin at a pressure of 8.2 katm;

- -  $P = 0$ ,
- ▲ -  $P = 8.2$  katm

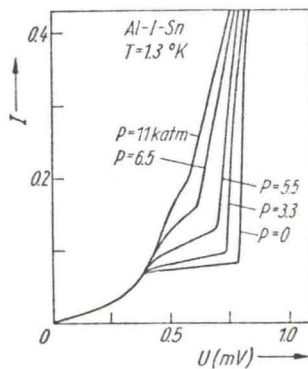


Fig. 3

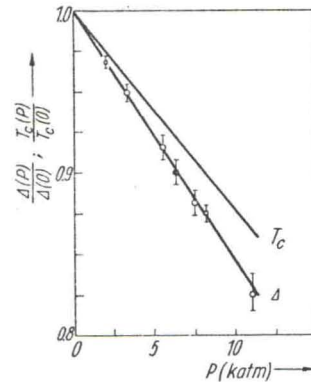


Fig. 4

Fig. 3. I-U characteristics of Al-I-Sn at different pressures. Normalized units are along the I-axis

Fig. 4. Influence of high pressures on the energy gap and critical temperature of tin. The straight line for  $T_c$  has a slope of  $dT_c/dP = -4.8 \times 10^{-5} \text{ } ^\circ\text{K/atm}$ ;

- - from Sn-I-Sn,
- - from Al-I-Sn,
- - pressure break

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