

6. Pressure Experiments on HgSe, HgTe and $\text{HgSe}_x\text{Te}_{1-x}$ Alloys[†]

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Experimental results on the pressure variation of the thermoelectric power, α , for n-type HgSe, HgTe and $\text{HgSe}_x\text{Te}_{1-x}$ alloys have been reported¹³ which show that with increasing pressure $|\alpha|$ increases for HgSe and decreases for HgTe. If the samples studied were indeed extrinsic these results give information about the energy level ordering at $\vec{k} = 0$, in particular that

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