

## FIGURE CAPTIONS

- Fig. 1 The recorder traces of three typical superconducting transitions. (a) sample V2 at atmospheric pressure; (b) sample V2 at 8.5 Kbar; (c) sample Nb2 at atmospheric pressure.
- Fig. 2 The variation of the superconducting transition temperature of vanadium with applied pressure.
- Fig. 3 The variation of the superconducting transition temperature of niobium with applied pressure.
- Fig. 4 The variation of  $\zeta$  with position in the periodic system.