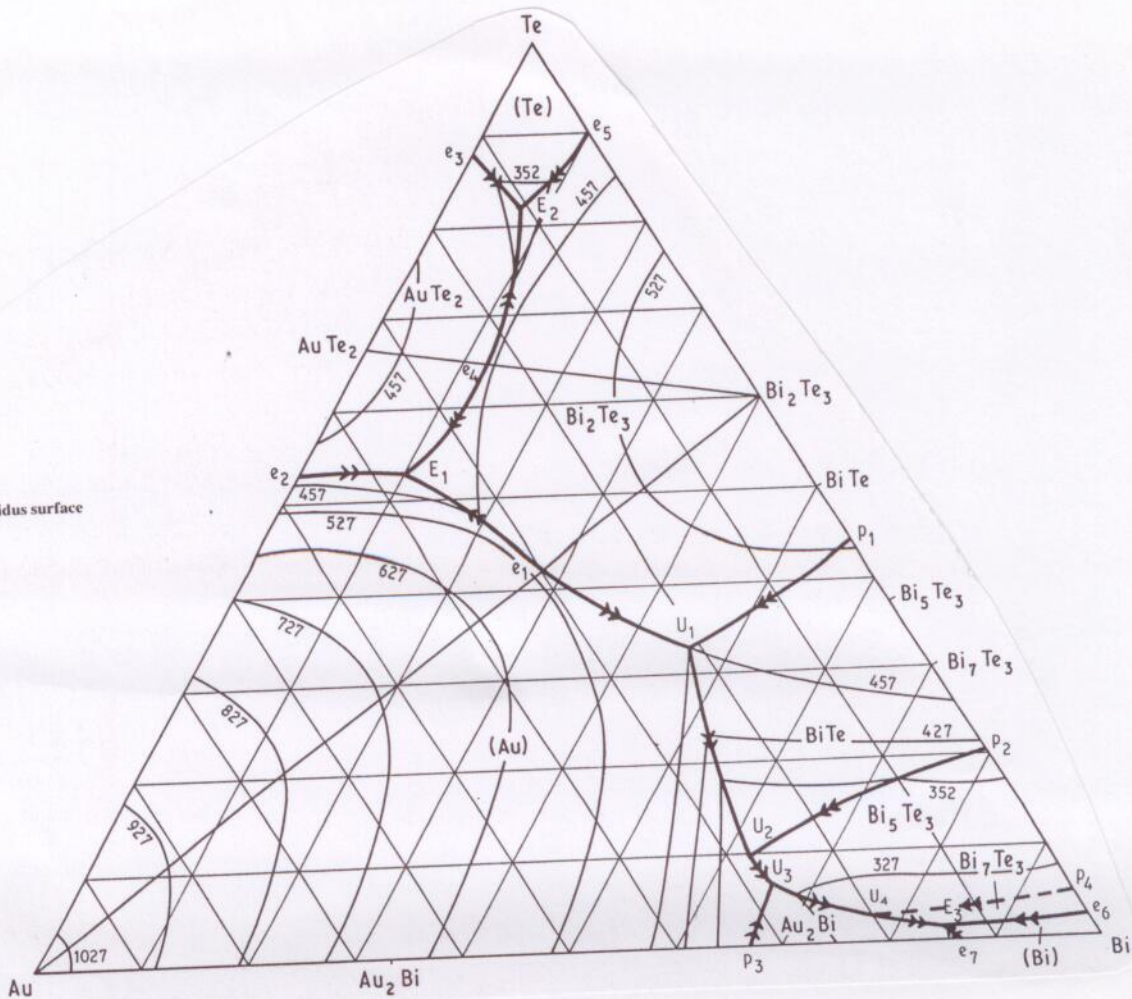
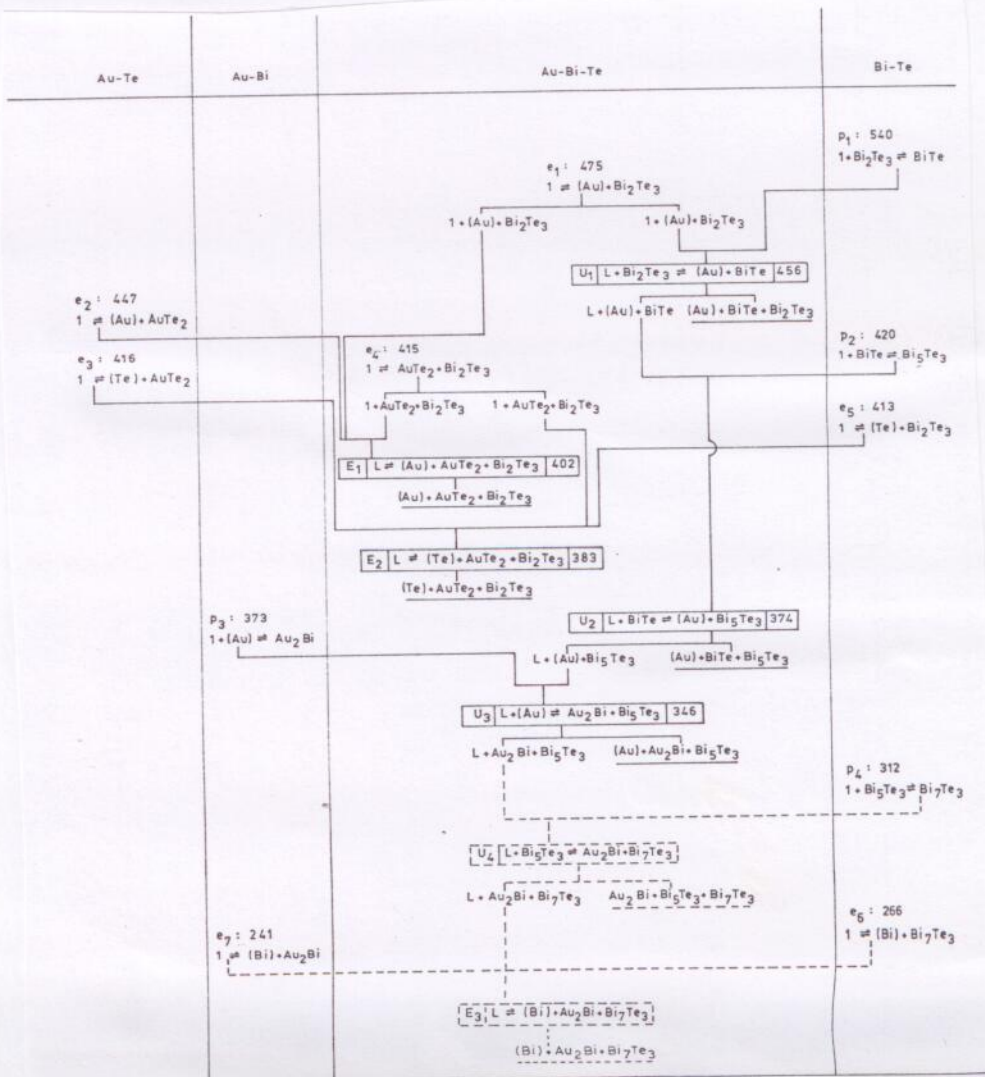


142 The Au-Bi-Te liquidus surface



141 Reaction scheme for the Au-Bi-Te system



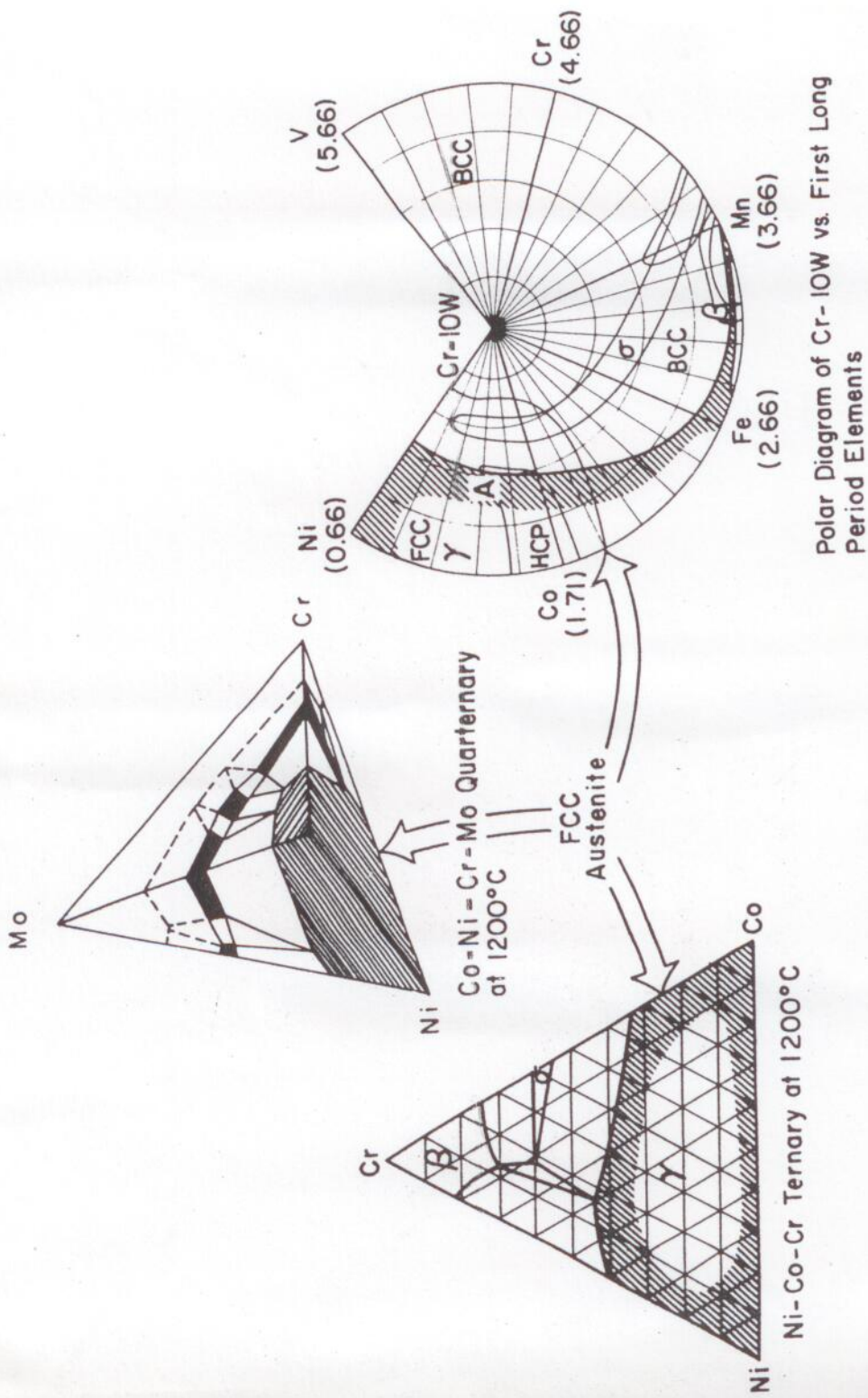
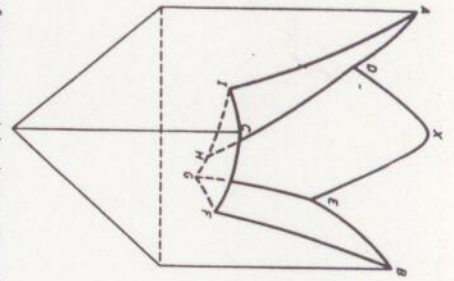
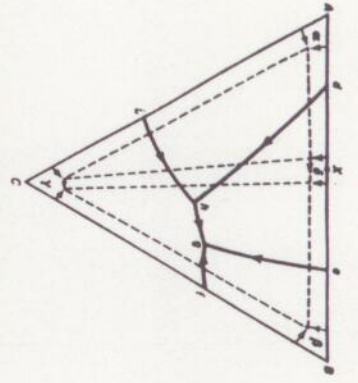


Fig. 7. Phase diagrams illustrating the FCC γ' field; basis of austenitic superalloys.

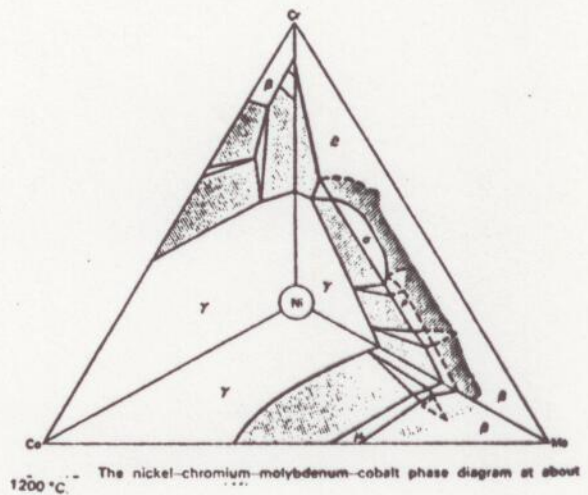
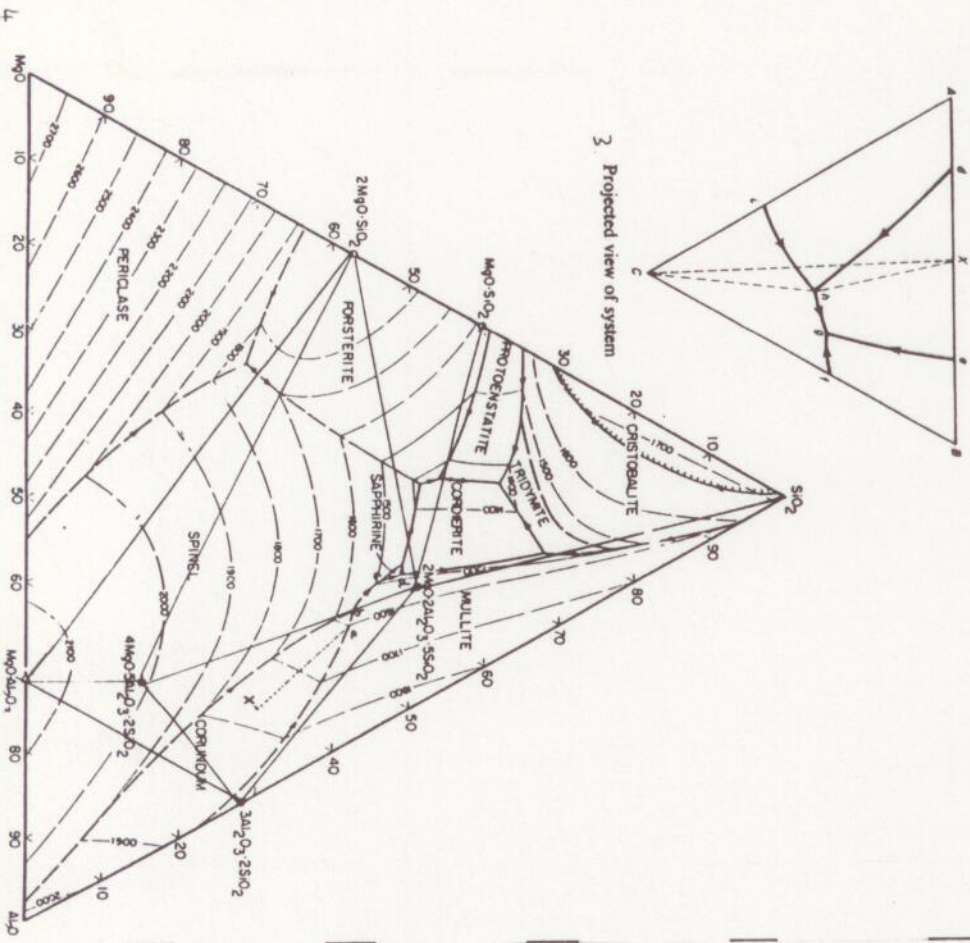
1. Space model of system containing intermediate phase X, and showing two invariant reactions $L + A \rightarrow X + C$ and $L \rightarrow B + X + C$. (Only liquidus features are shown)



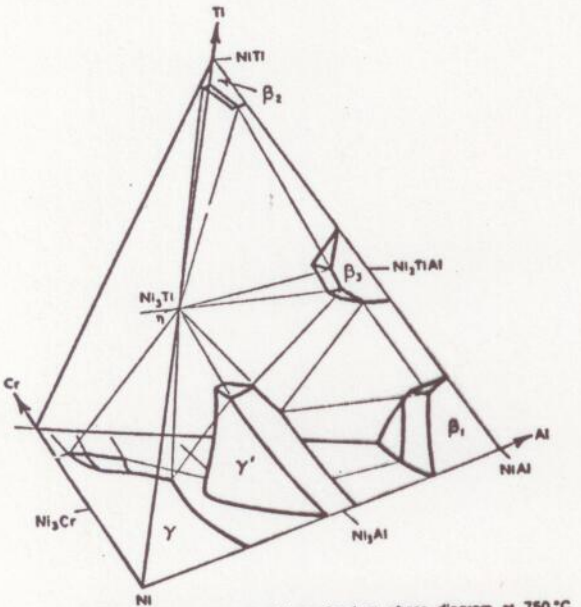
2. Projected view of system assuming partial solid solubility of the components



3. Projected view of system



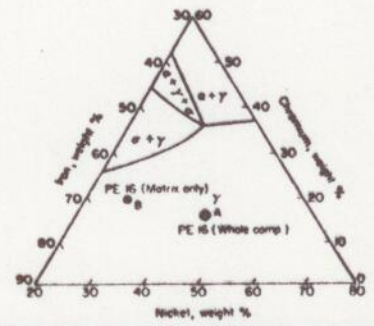
The nickel-chromium-molybdenum-cobalt phase diagram at about 1200°C.



The nickel-chromium-aluminum-titanium phase diagram at 750°C.

Atomic Weights

	Al	Ti	Nb	Ta	Cr	Mo
	26.97	47.90	92.91	180.88	52.01	95.95
W	Fe	Co	B	Zr	C	Ni
183.92	55.85	58.94	10.82	91.22	12.01	58.69



Location of Nimonic PE 16 on the Ni-Fe-Cr ternary diagram. A—overall composition. B—matrix composition after allowance for elements combined in the precipitates.