







IV Characteristics:	•
forward) /////	
Reverse boarte	Quadrant I Forward Operating Region
L'eakage Venue	→N
0.71	germanium SiWicon
Revorse operating	Conventional Current Flow
	anode PN k
Anode	a Cathode Cathode

5) Formeand Biased PN Innotion Hode
10hen a diode is connected in a Formand
Bias condinition, a negative nothage is
applied to the N-type material a positive
nothage to the P-type material. 24 this
external nothage becomes greates than the
nature of the potential basisies, approx 0.4 noth
for Si and 0.2 notts for Ge, the potential
bassies appsobition will be onescome and
august well start to flow.







