

LIST OF TABLES

<u>No.</u>	<u>TITLE</u>	<u>Page No.</u>
2.1	CaS, SrS and BaS with different Rare earths	54
2.2	CaS with different Rare-earths	54
2.3	CaS with different percentages of Dy.	55
2.4	CaS with different Percentages of Gd	55
2.5	'd' values for CaS from XRD	55
3.1	Values of 'r' 'b' and trap depths	83
4.1	Parameters of TL curve	117
5.1	Threshold voltages	147
6.1	Variation of conductivity with temperature	164 & 165