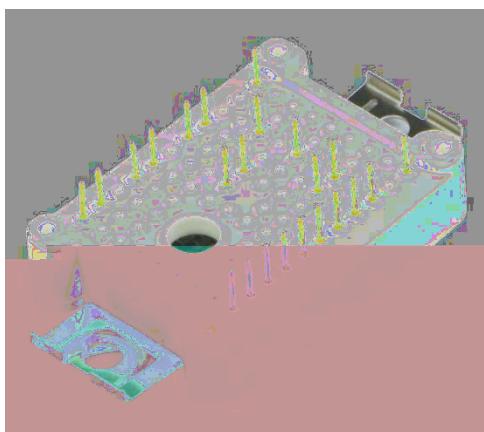




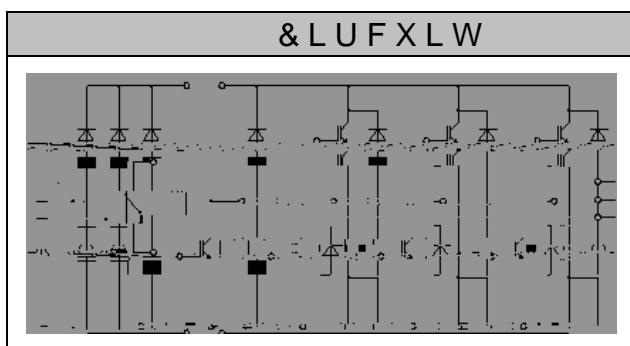
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) H D W X U H V

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g , Q F O X G L Q J I D F V R M H U A R D Q W U L H S D U D O O H O
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\$EVROXWH 0D[LPXP 5DWLQJV

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5LVH 7LPH	U	W & \$		Q V
7XUQRRI 'HOD\ 7LPH	G RII	9&(& W 9		Q V
)DOO 7LPH	I	9. (" 9		Q V
(QHUIJ\ 'LVVLSDWLRQ 'XULQJ 7XUQRQ 7YMLPH	R	(P -
(QHUIJ\ 'LVVLSDWLRQ 'XULQJ 7XUQRRI 7LPH	R	(P -



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7XUQ RQ 'HOD\ 7LPH	G RQ	W				Q V
5LVH 7LPH	U	W _{&} \$				Q V
7XUQ RII 'HOD\ 7LPH	G RII	9&(W 9 9. " 9				Q V
)DOO 7LPH	I	W _{5.}				Q V
(QHUIJ\ 'LVVLSDWLRQ 'XULQJ 7XUQ RI 7LPH		R 7Y 7LPH (P -
(QHUIJ\ 'LVVLSDWLRQ 'XULQJ 7XUQ RI 7LPH		R II 7LPH (P -

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\$EVROXWH 0D[LPXP 5DWLQJV

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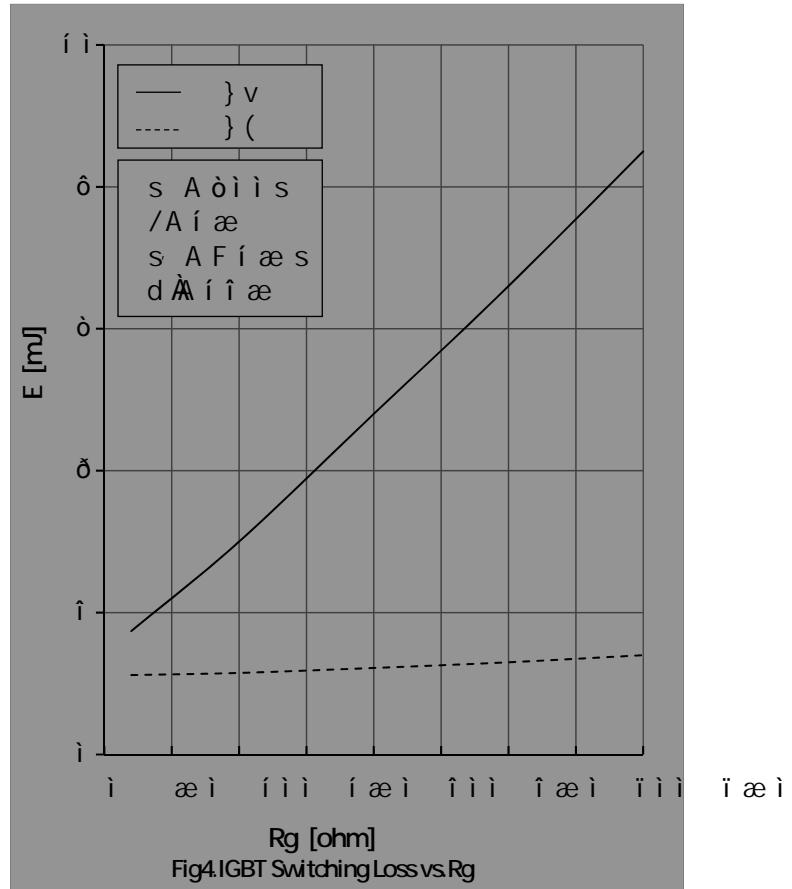
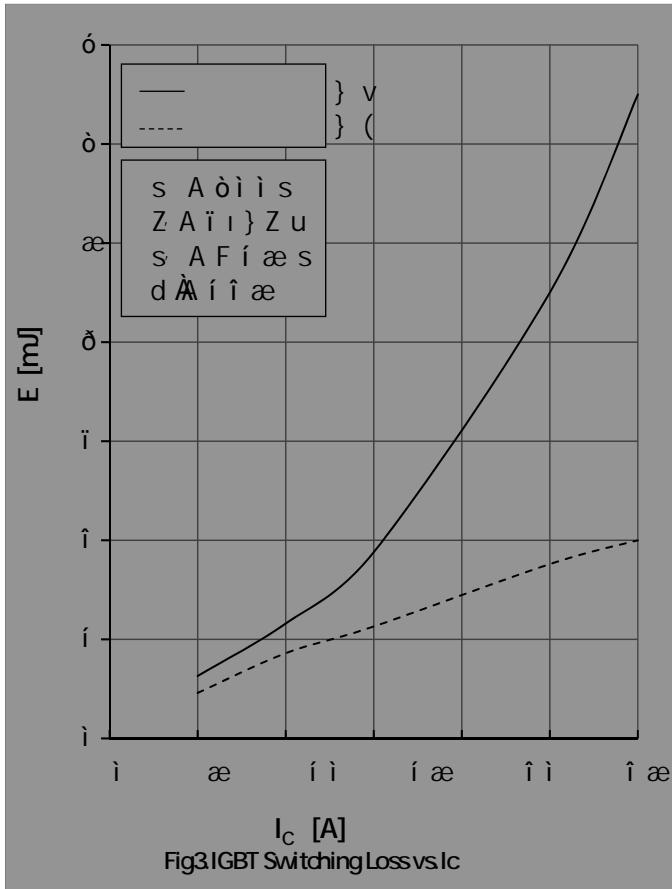
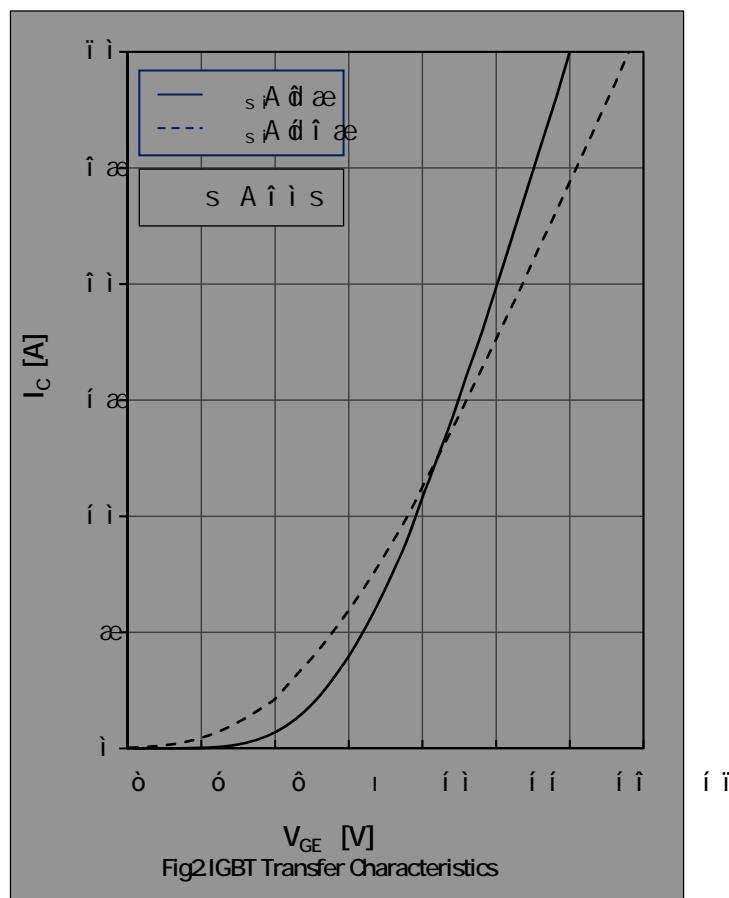
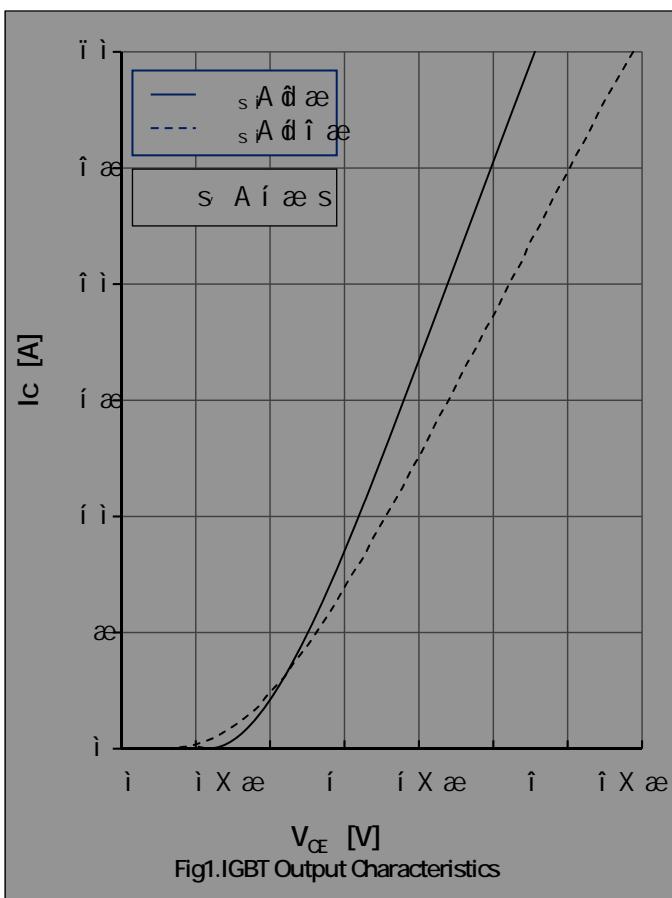


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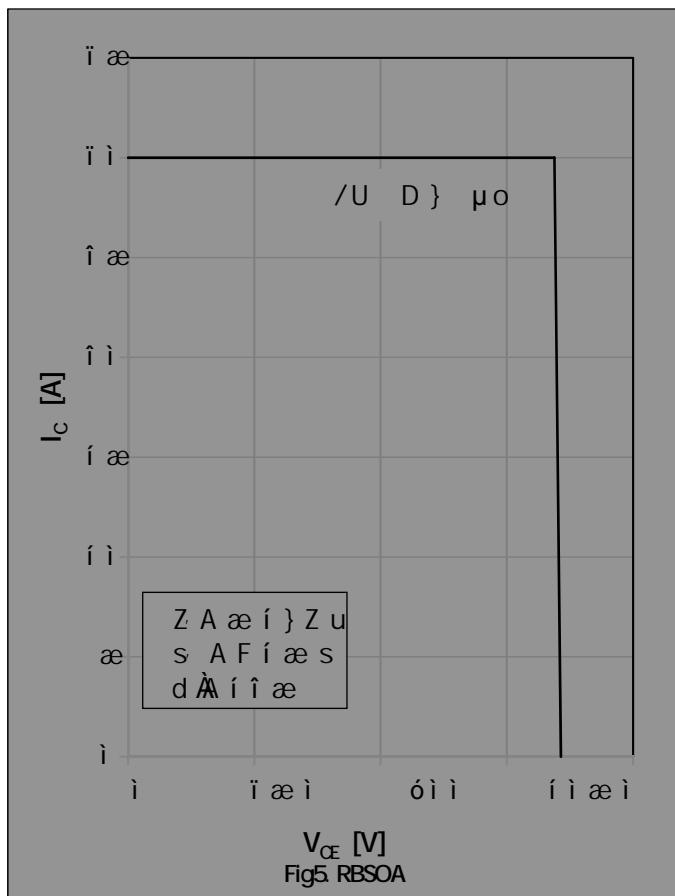


Fig5. RBSOA

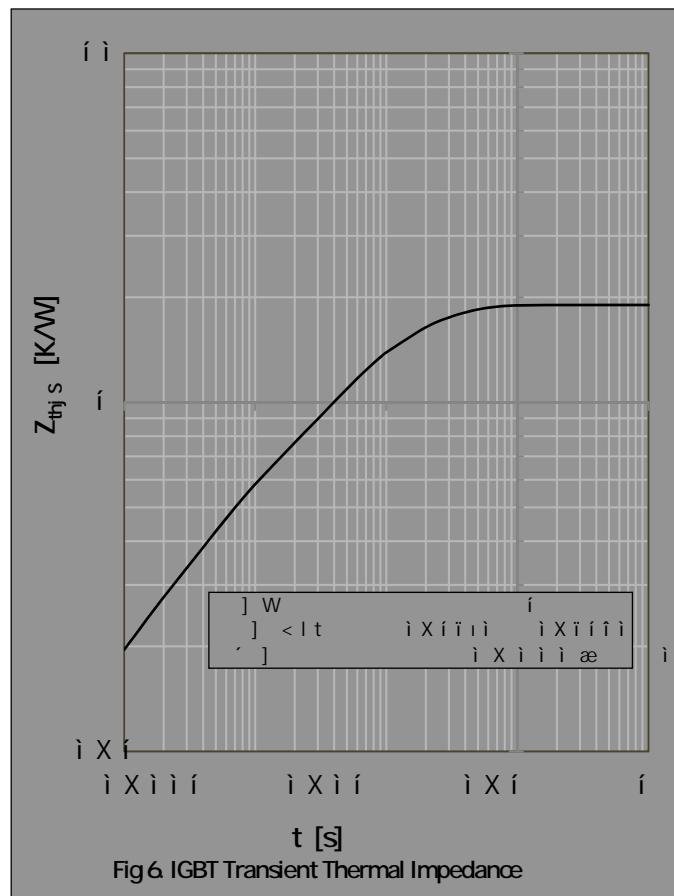


Fig6. IGBT Transient Thermal Impedance

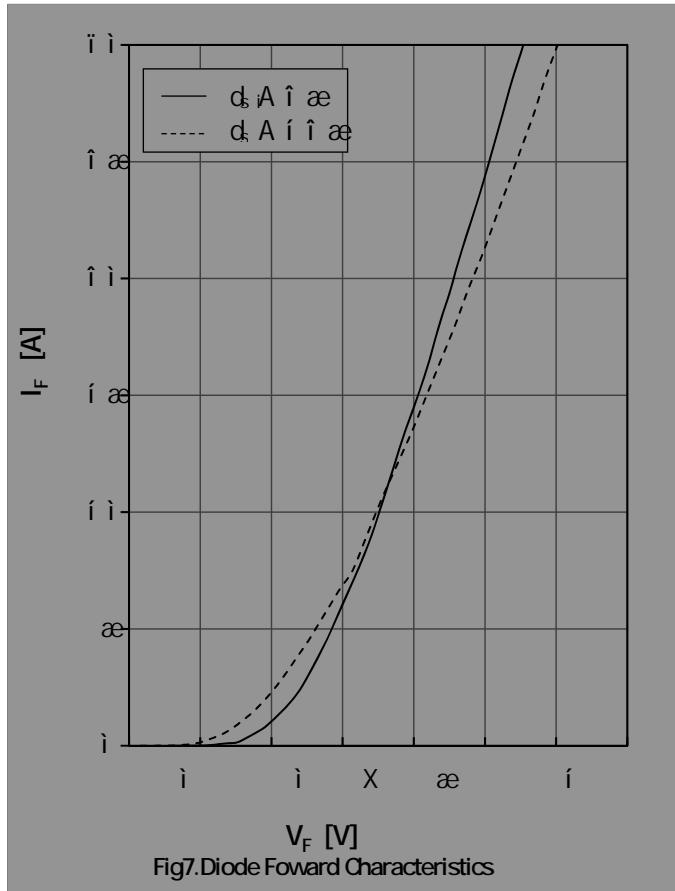


Fig7. Diode Forward Characteristics

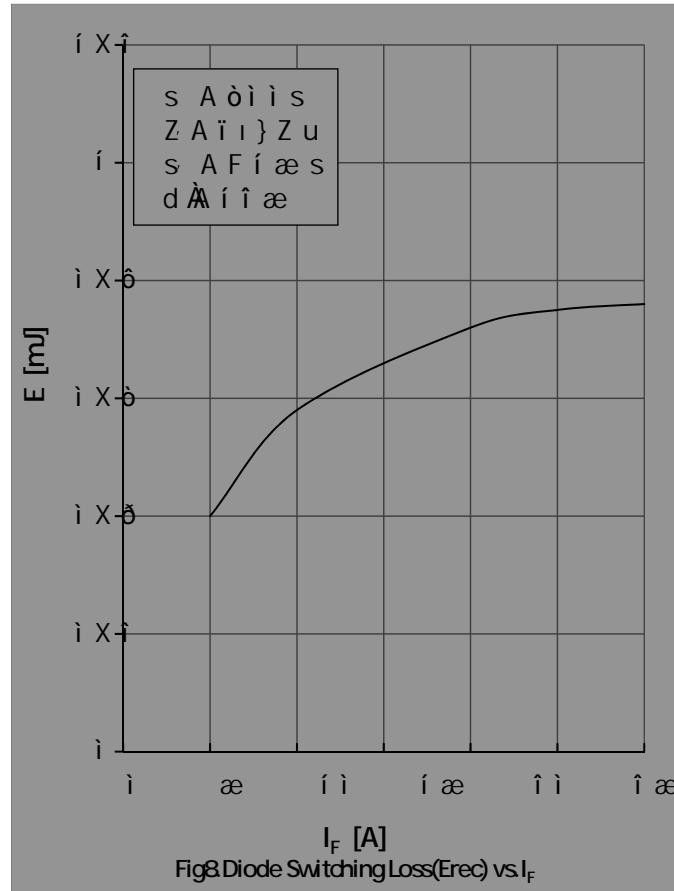
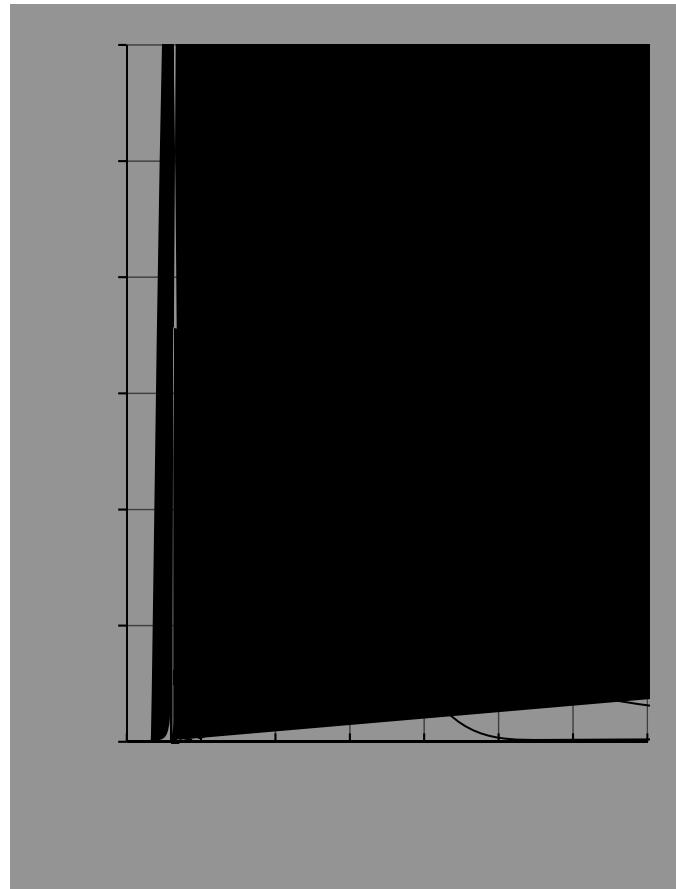
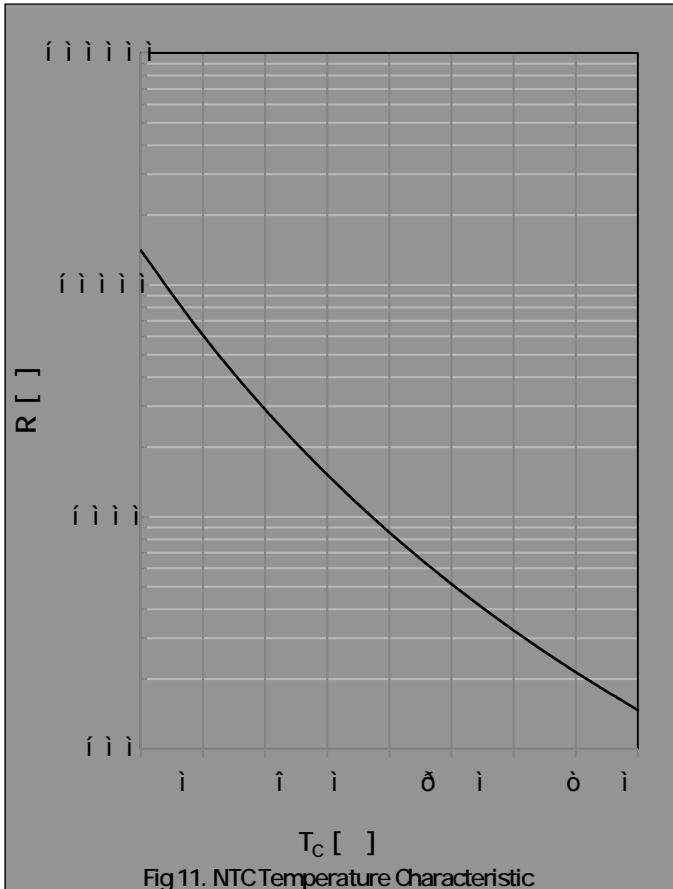
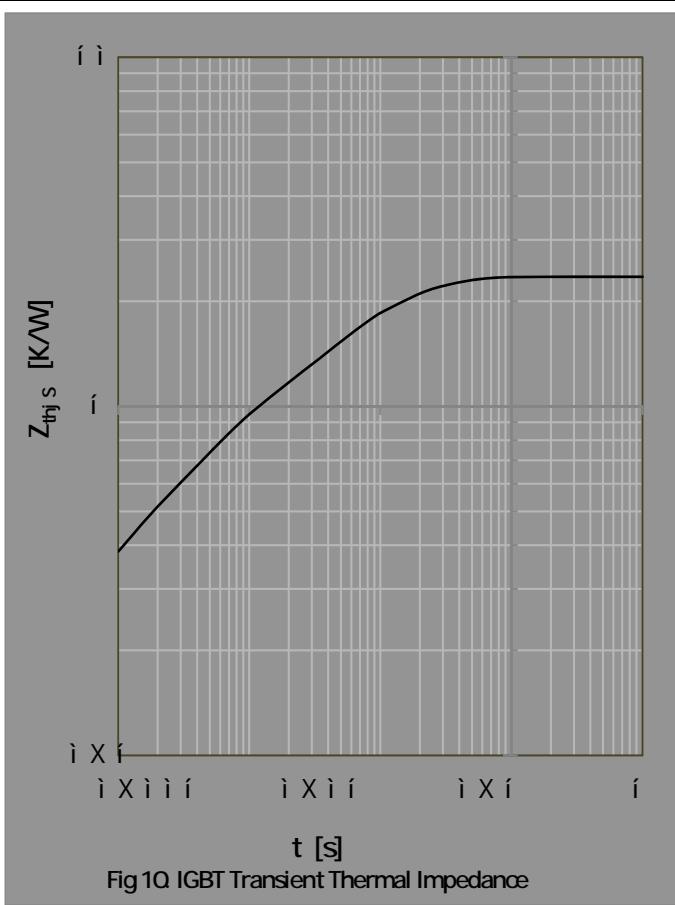
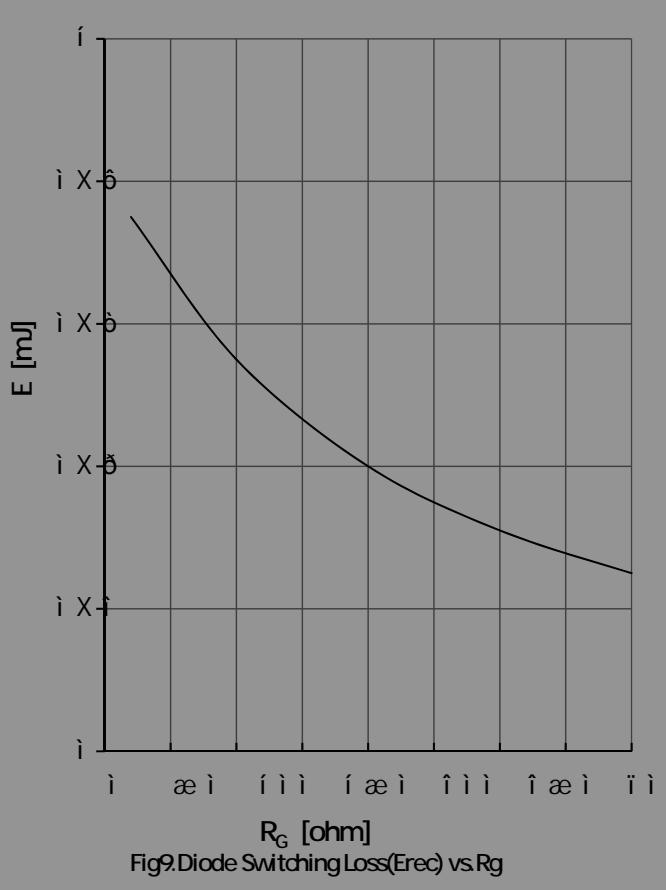


Fig8. Diode Switching Loss(E_{rec}) vs. I_F

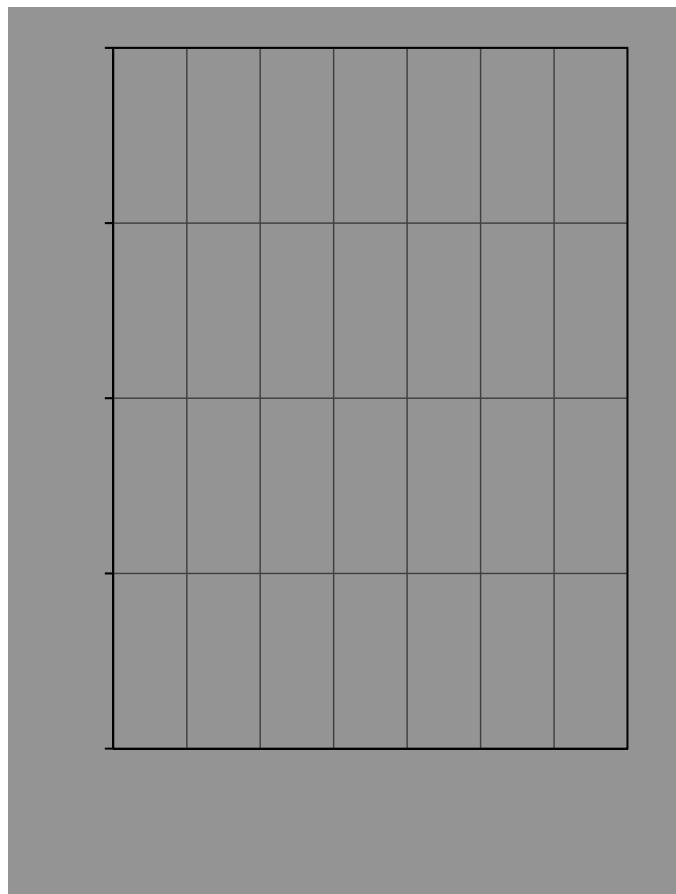


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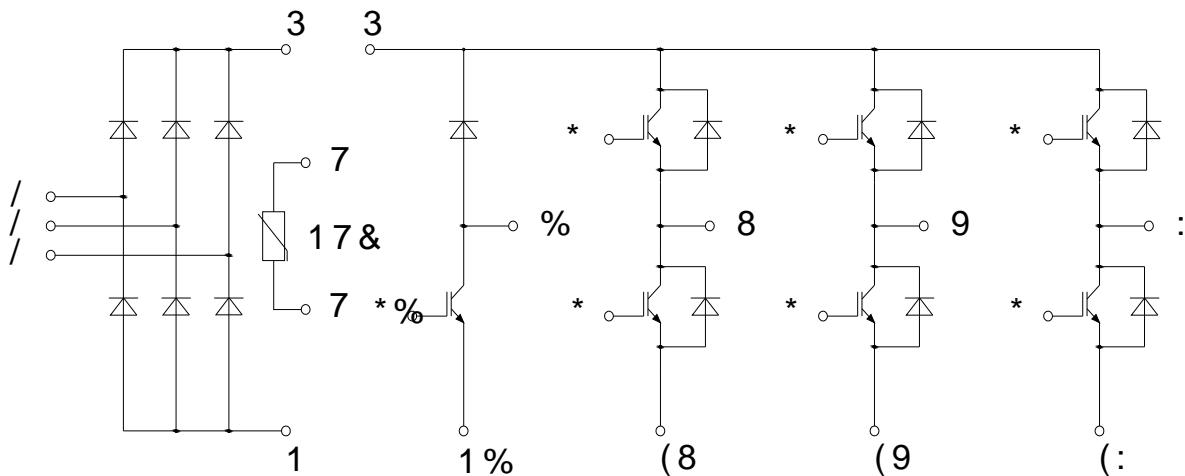
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