

# Identification of Power BJT Operating Stages

Based on Experimental Excess Charge Estimation

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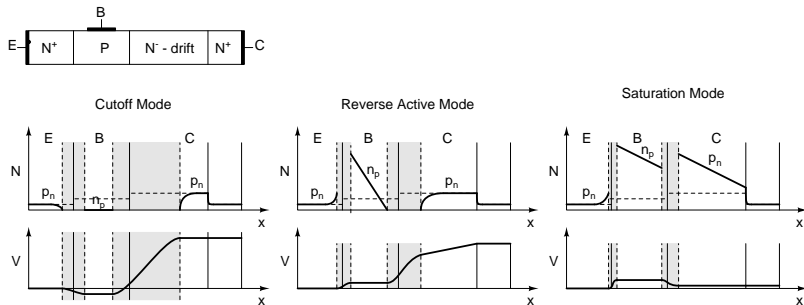
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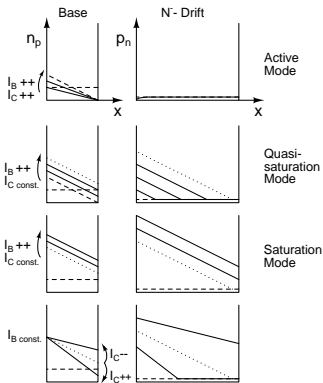
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# Sample frame title

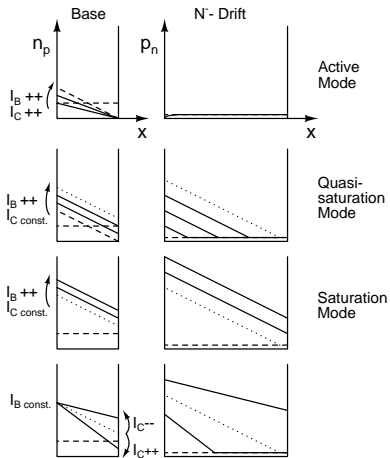
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**Figure:** Illustrative power BJT minority carrier and potential profiles for 3 basic operation modes.



**Figure:** Minority carrier concentration dependence on  $I_B$  and  $I_C$  variations. The geometry and concentration scales are illustrative, not proportional to real device values. Also the base and collector diagrams use the different scale to depict the same concentration gradient.



# Two-column slide

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$$E = mc^2$$

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