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# Ebers-Moll Model

Ebers-Moll model is an ideal model for BJT which can be used in a forward active mode of operation, in a reverse active mode, in a "saturation" and in a cut-off region. That model able to operate in all conditions. In 1954, James Ebers and John-L. Moll made this model for the analysis and simulation of electronics circuits, its necessary to have a common set of equations which can relate the terminal voltage for all modes of operation.

