

IFPE

ELETRONICA BÁSICA 2

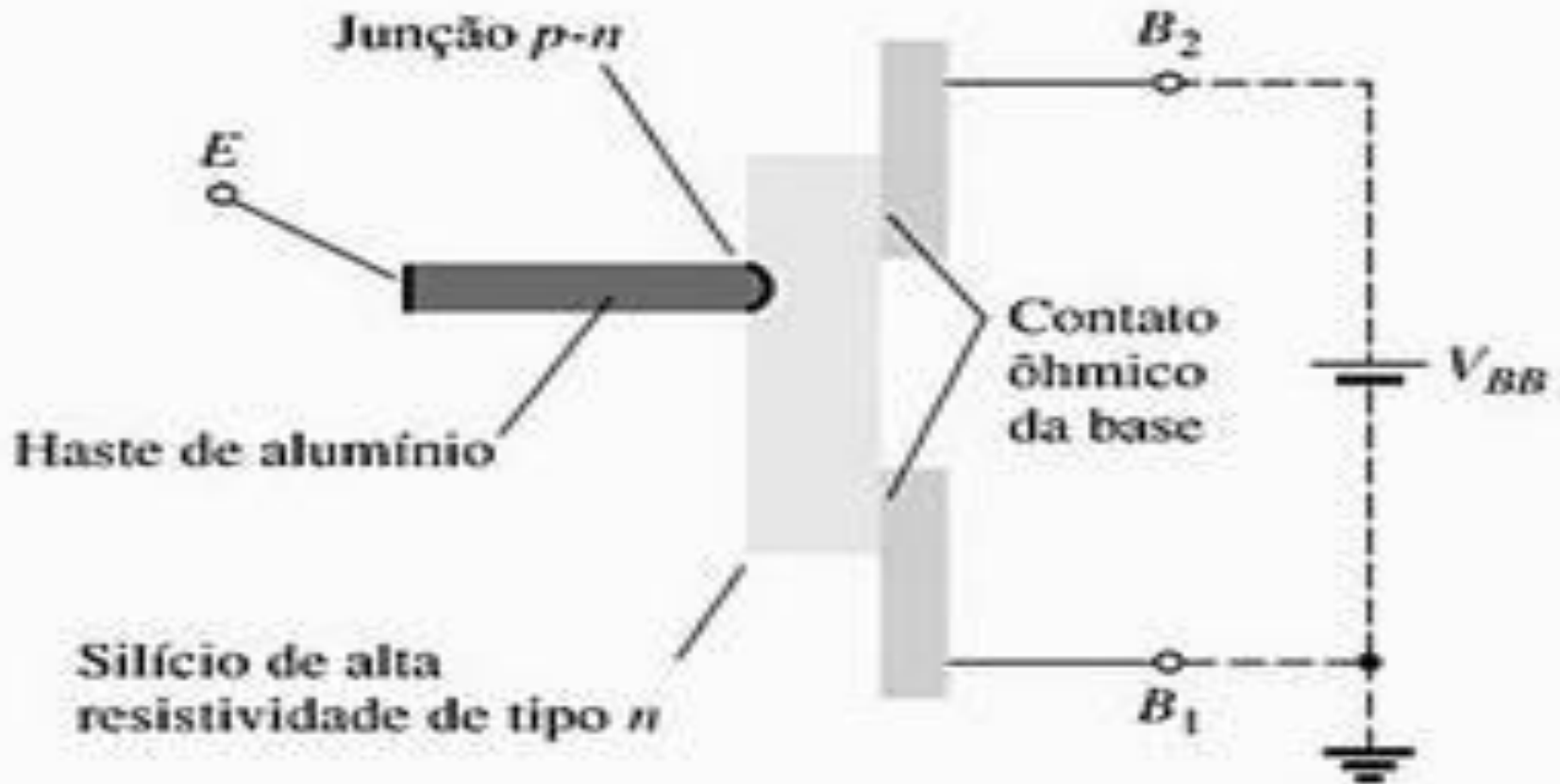
PROFESSOR: PEREIRA

LIVRO(s): BOYLESTAD. **DISPOSITIVOS ELETRÔNICOS.**
www.prenhall.com/boylestad_br

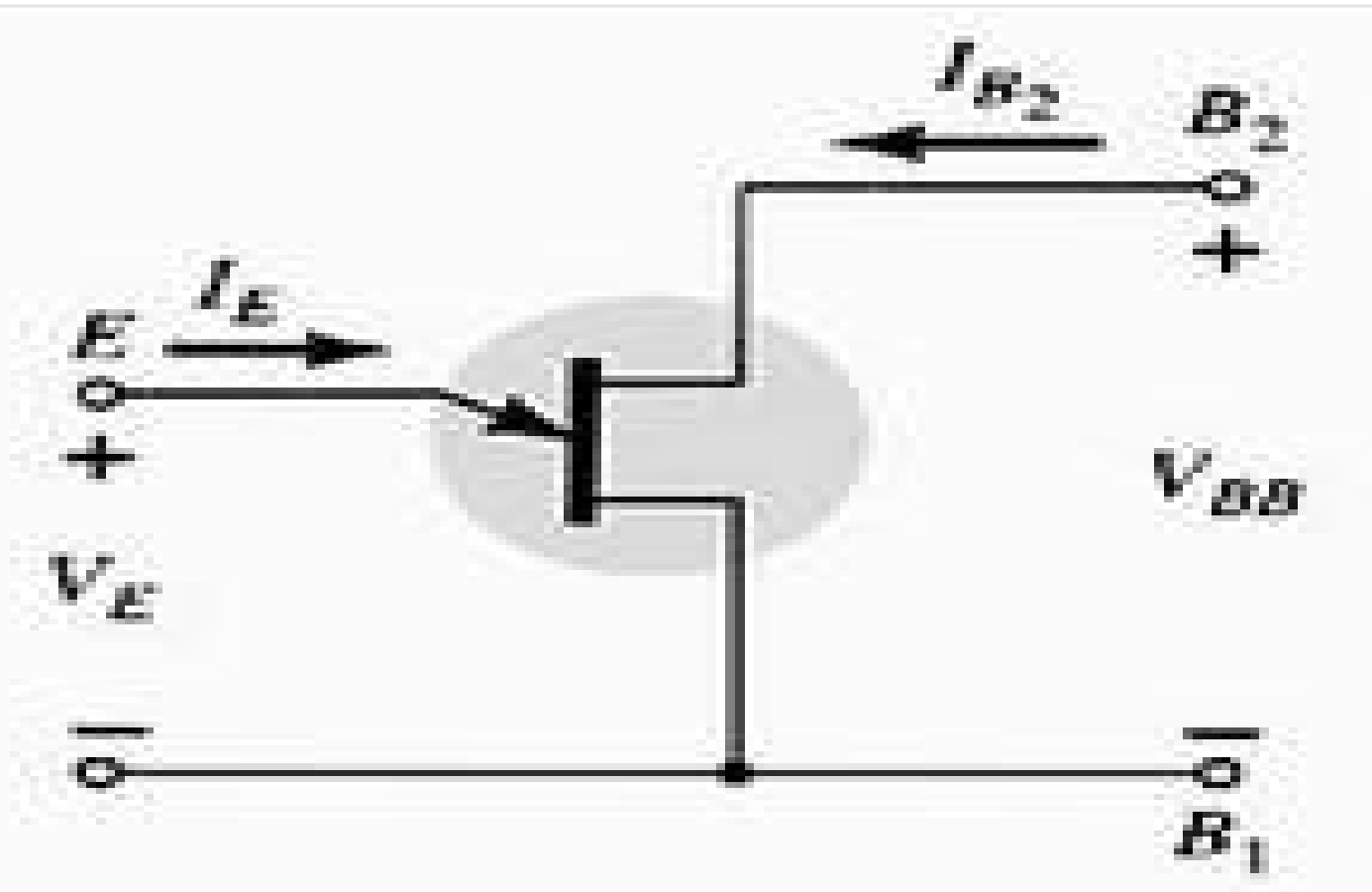
(Boylestad. Introdução à Análise de Circuitos
www.prenhall.com/boylestad_br)

SITE: **<http://www.feiradeciencias.com.br>**

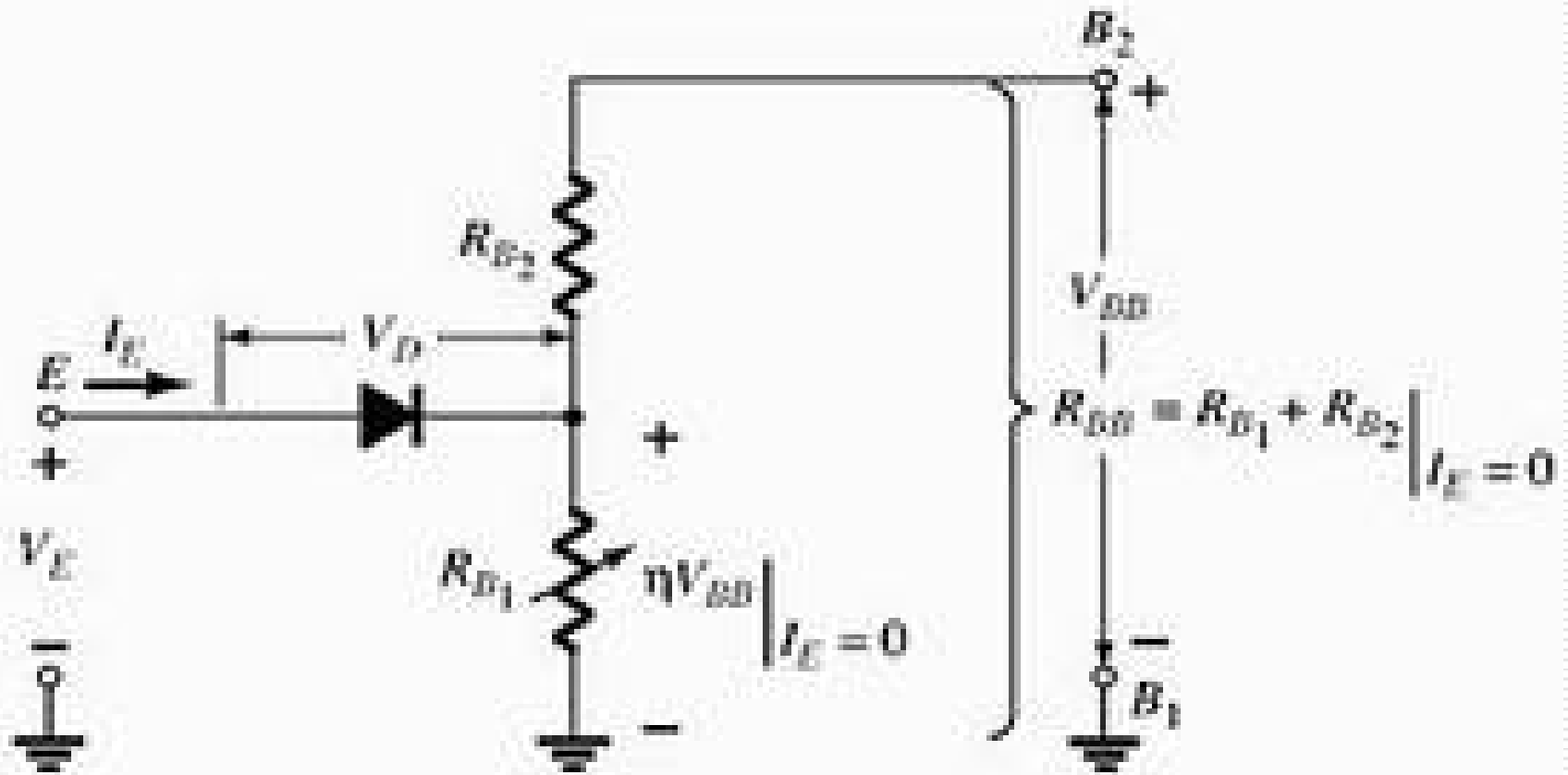
TRANSISTOR UNIJUNÇÃO



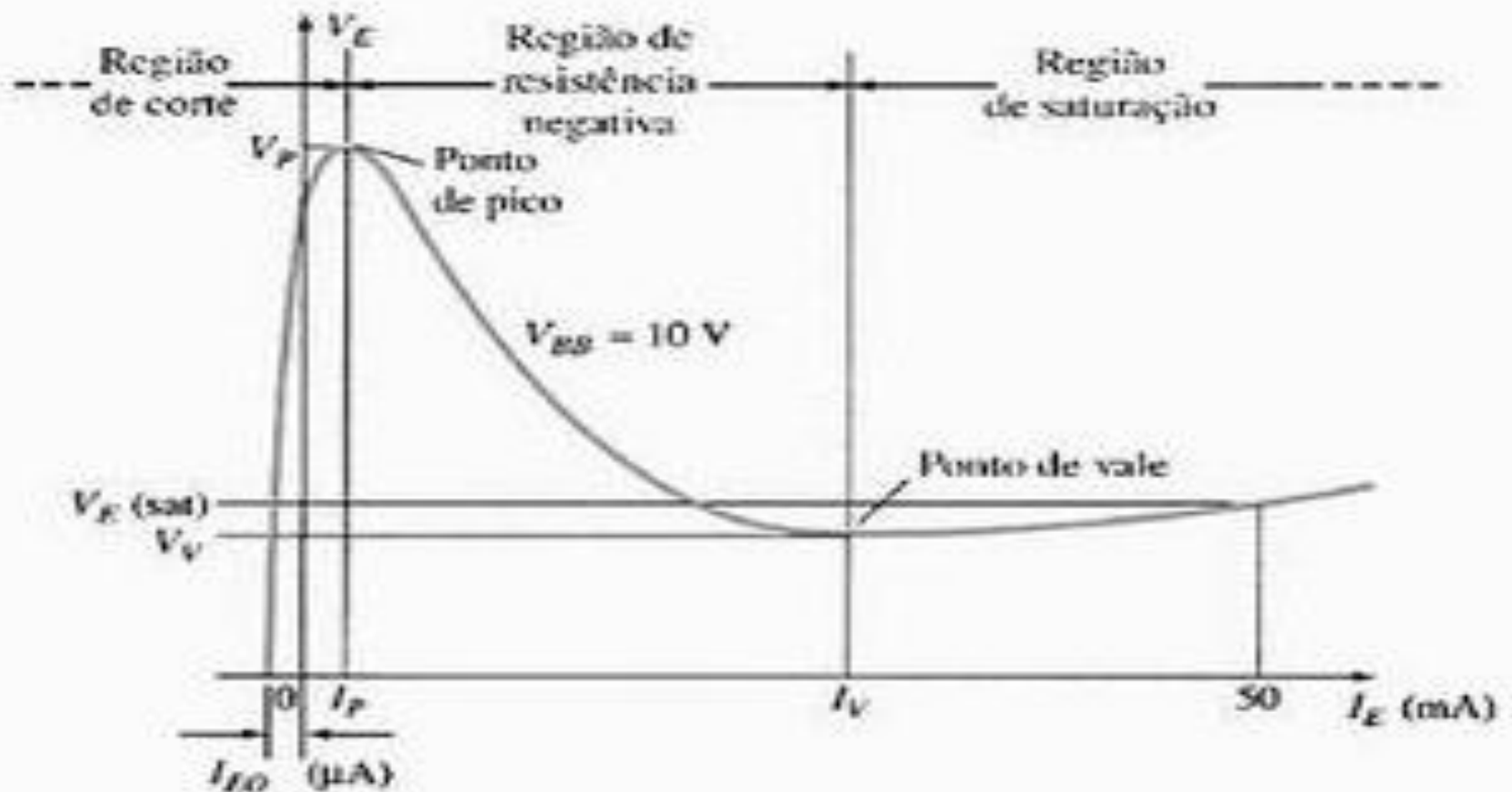
SIMBOLOGIA



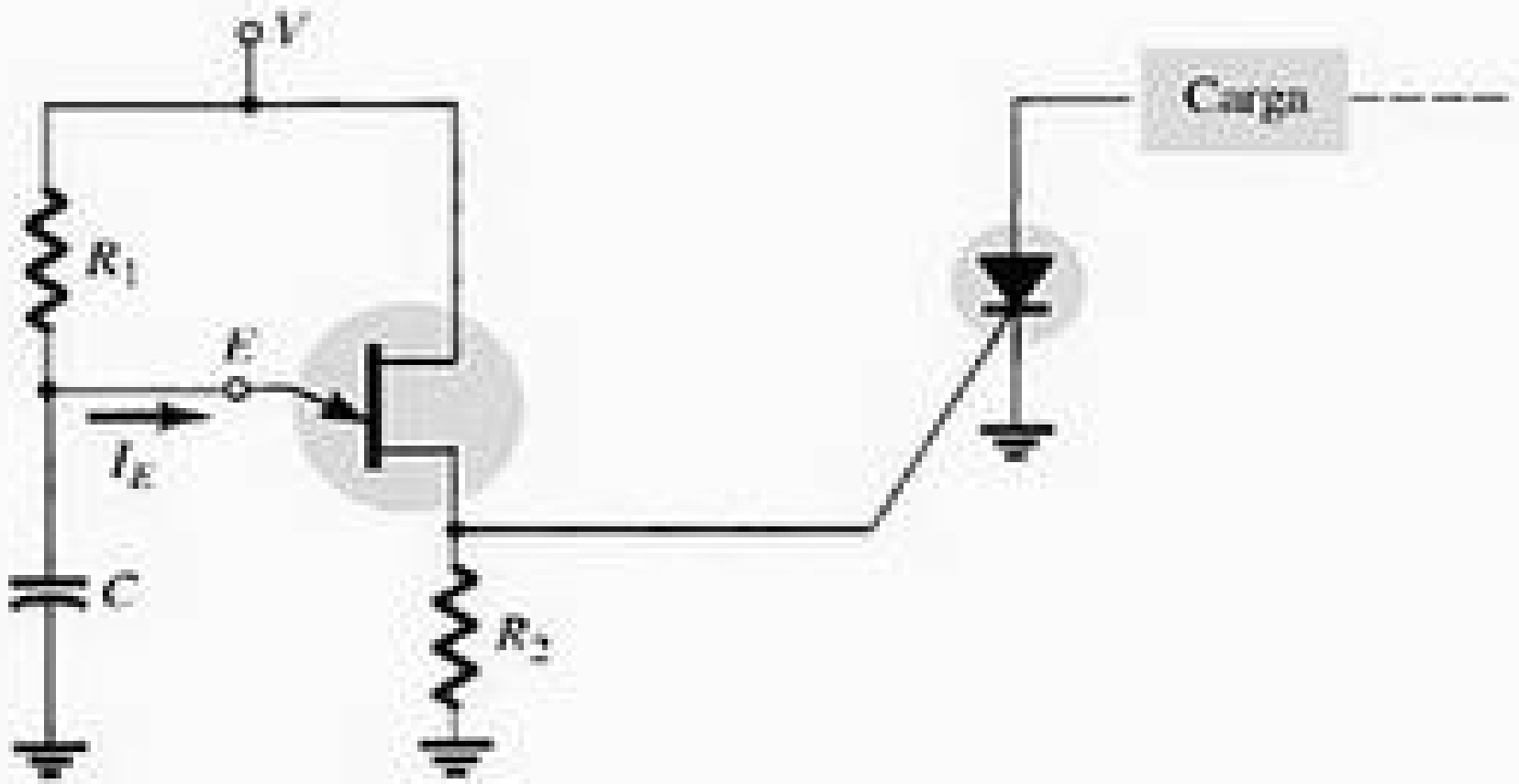
CIRCUITO EQUIVALENTE



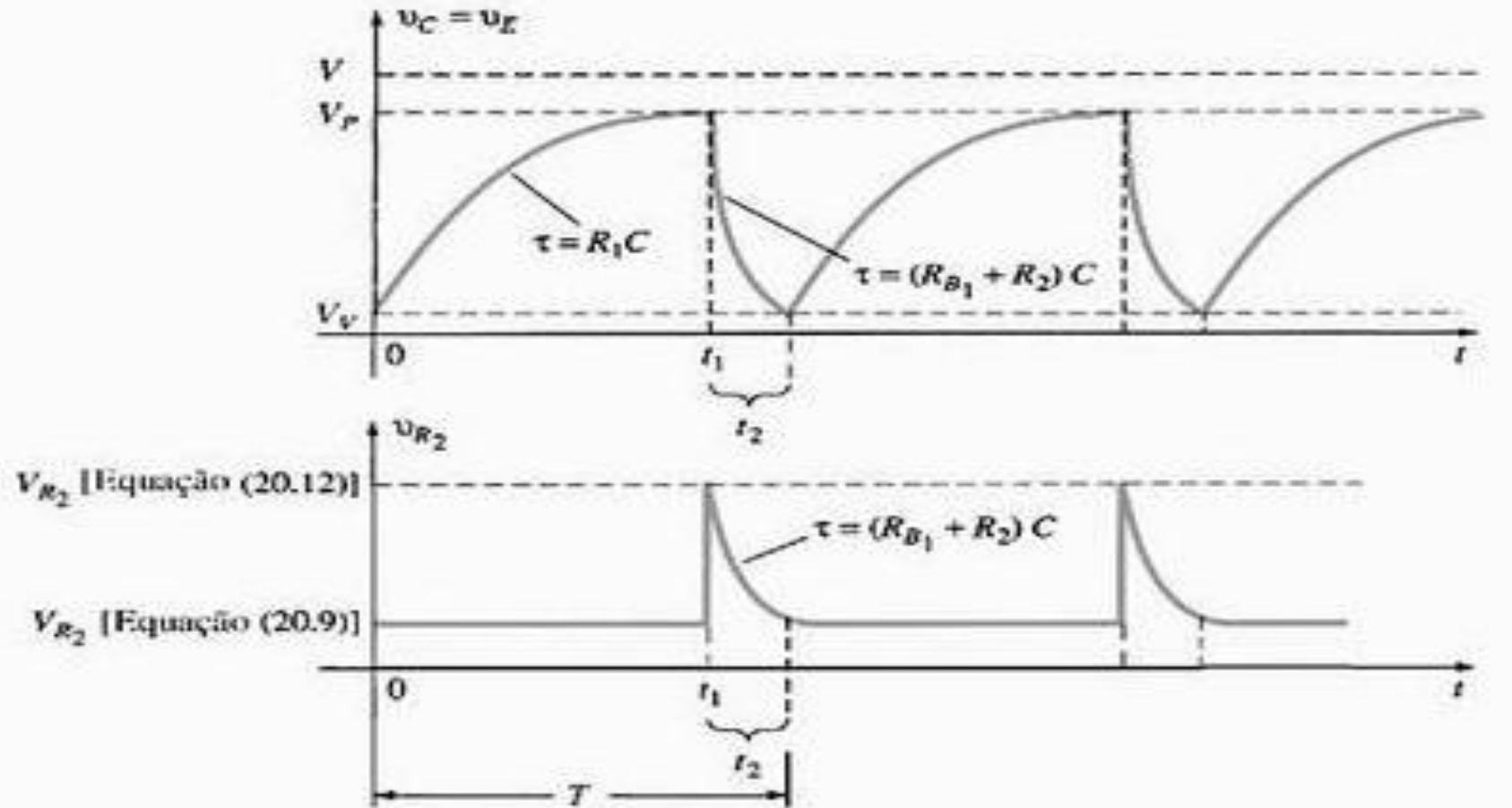
CURVA DO UNIJUNÇÃO



UMA APLICAÇÃO DO UNIJUNÇÃO OSCILADOR DE RELAXAÇÃO



FORMAS DE ONDA



EQUAÇÕES

$$R_{BB} = (R_{B_1} + R_{B_2}) \Big|_{I_C=0}$$

$$V_{R_{B_1}} = \frac{R_{B_1}}{R_{B_1} + R_{B_2}} \cdot V_{BB} = \eta V_{BB} \Big|_{I_C=0}$$

$$\eta = \frac{R_{B_1}}{R_{B_1} + R_{B_2}} \Big|_{I_C=0} = \frac{R_{B_1}}{R_{BB}}$$

$$V_P = \eta V_{BB} + V_D$$
