Voltage Swing Calculations

Example

W=00 VCE, sat= 03

The maximum output voltage swing, then, is 2x4.7=9.44p-p.

The corresponding imput voltage swing 15 9.4 YPP 9.4 YPP or 47. Jm/pl

866 Saturated When +15 $V_c = \frac{15-10}{5+20} \times 20 + 10$ When off? trans. off

Insertion of Emitter Dean

let us need Aus of -10

PE2~0.52 kn

Recalculate the Swing

No-board Case Sat. $v_c = +15$ -x0.475 + 4.53 + 0.3 = 5.7

LOADED Case

100 equal. I elge of saturation

