

Lectures Page 1

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* 2 transister current Aoure (Basic

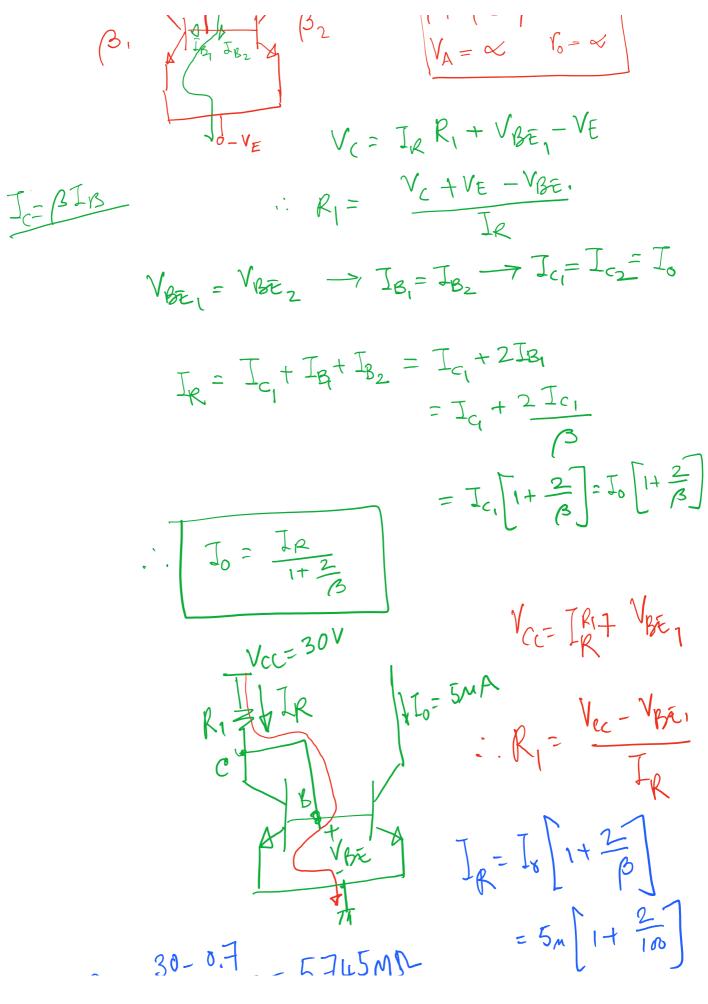
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JER JEZ JEZ JERTJEZ JEZ ZICZ $\begin{cases} \beta_1 = \beta_2 = \beta \\ V_A = \infty \qquad Y_0 = \infty \end{cases}$ B2

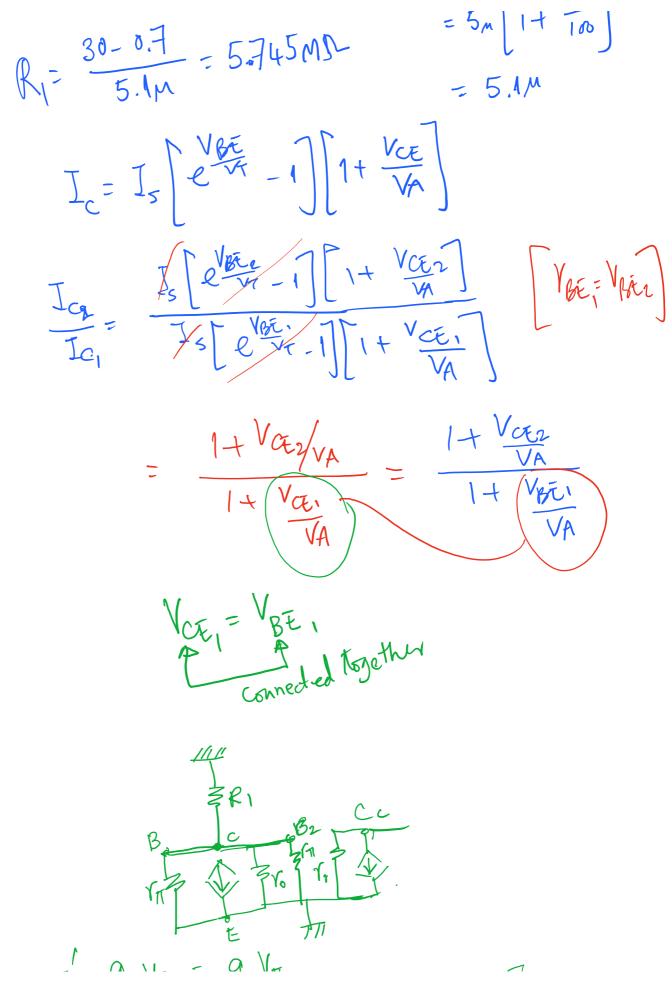
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JB

B



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TTI $J_{x} = g_{m_{1}} V_{T2} = g_{m_{2}} V_{T},$ 3 mar ; \$ 111. 3 m RI Y6, gm2 7 k, 11 vo 11 Ki, 11 Ki 2 $\int_{X} g_{w_2} v_{\pi_2}$ 9 mm (R555] $V_{\pi_1} = - g_m V_{\pi_1} (R_{55})$ $V_{\pi_1} = - g_m V_{\pi_1} (R_{55})$ $V_{\pi_1} = 0$ $V_{\pi_1} = 0$ $R_{x} = r_{02} = \frac{V_{A}}{1}$