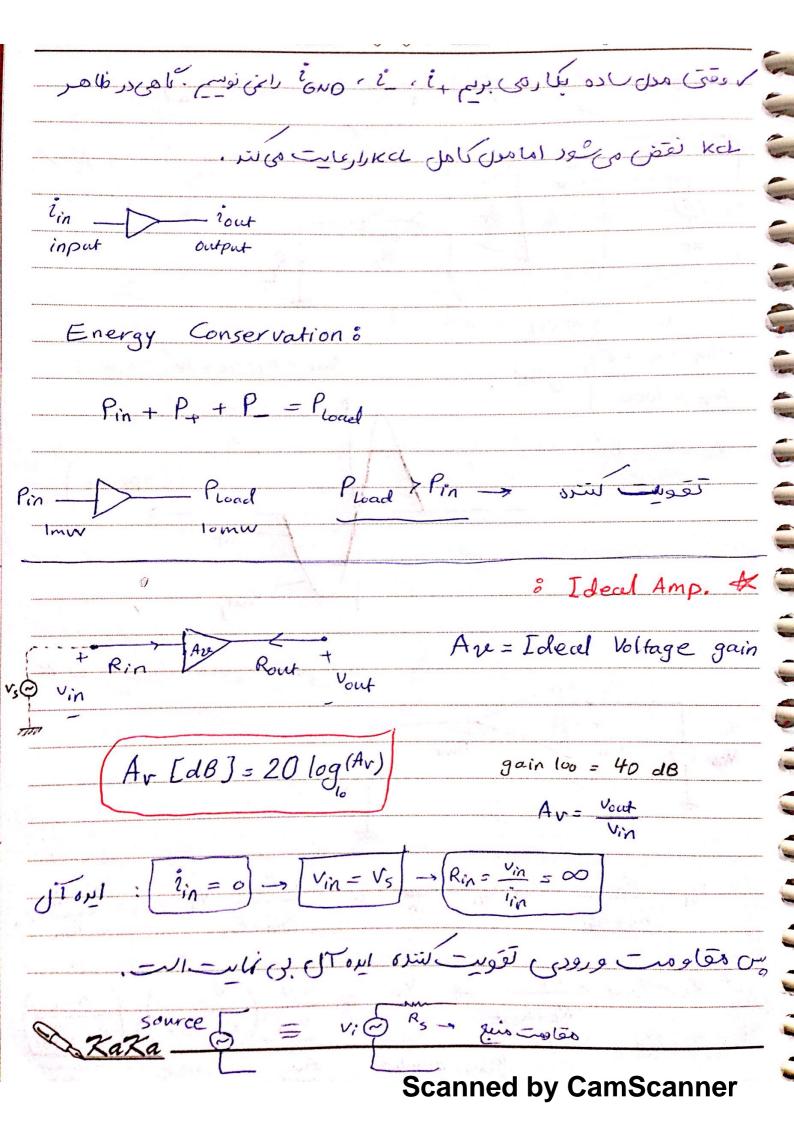
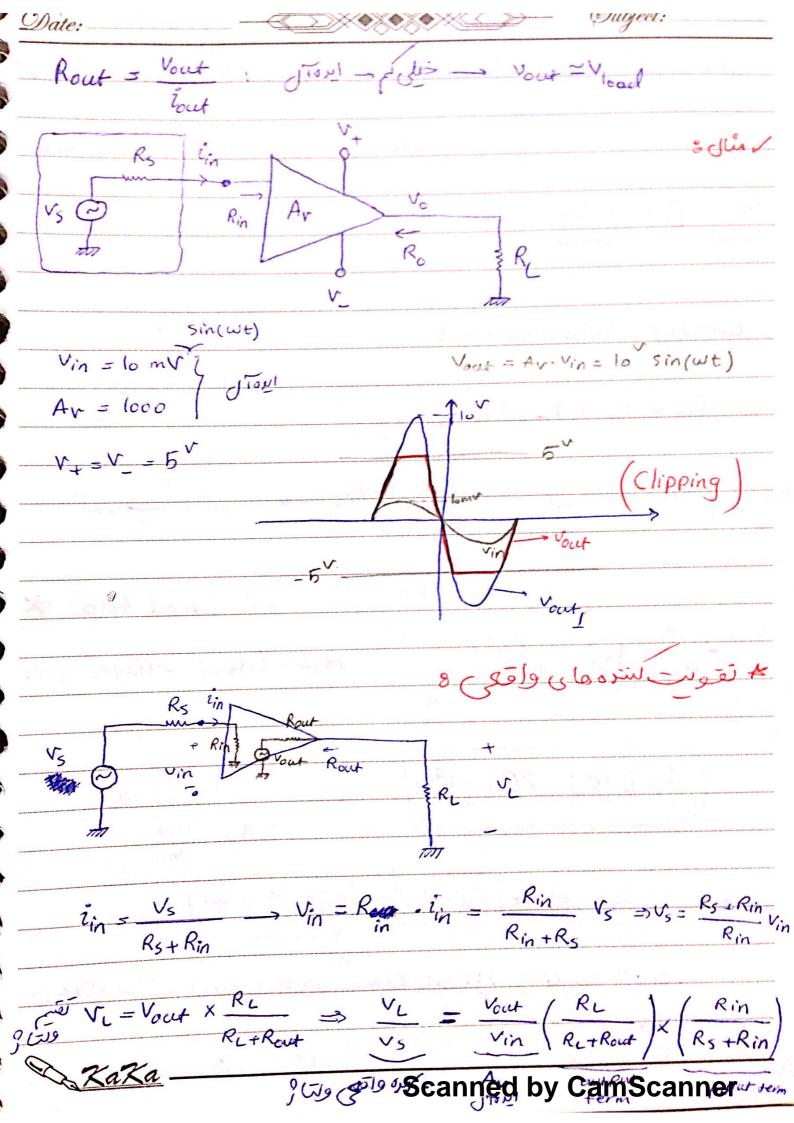


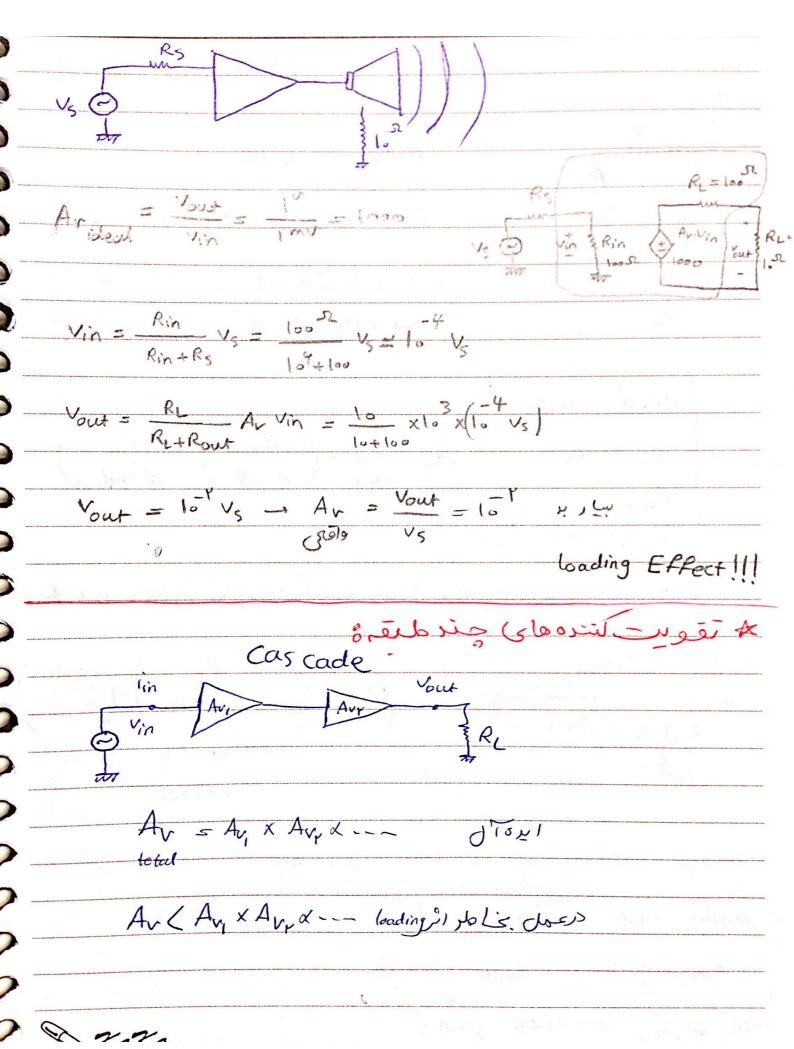
Scanned by CamScanner





مالىدر توانز ستوجه طورج $r_{in} = r_{\pi} = \frac{\beta}{g_m}$ -> rin = 2.5 KSZ / 10 = in solution $V_0 = \frac{V_A}{I_c}$ Real amp. $A_V = A_V \times \left(\frac{R_{in}}{R_{in} + R_s}\right) \times \left(\frac{R_L}{R_L + R_{out}}\right)$ RoutCCRL Source Microphone 45-1mv Rs=1Ms audio amp. Yout = 1 v Rin = 100 SL Rout = 100 SL Actual gain?

Scanned by CamScanner



Scanned by CamScanner

