

QUIZ NO. 12

NAME _____ Score _____ /10

A shunt-shunt feedback amplifier is shown.

Use the methods of feedback analysis to find the numerical values of v_2/v_1 , v_1/i_1 , and v_2/i_2 .

For Q1, assume that $h_{fe} = 100$, $g_m = 50\text{mS}$ and $r_o = \infty$. For M2, assume that $g_m = 1\text{mS}$ and $r_{ds} = \infty$.

