(0

 $V_{DSQY} = V_{0} - (01VQV)(1Q) = N_{0}Q(V)$ $S_{m1} = S_{mY} = V_{1}KI_{DQ} = V_{1}K(01VQV) = N_{0}Y_{1}(01VQV)$ $V_{0} = -(S_{m1}V_{0}S_{1})(R_{0}I_{1}R_{1})$ $V_{1} = V_{1}S_{1} - V_{1}S_{1} - S_{m1}V_{1}S_{1}Y_{1}(R_{0}I_{1}R_{0}S_{1}Y_{1})$ $V_{1} = V_{1}S_{1} - V_{1}S_{1}Y_{1} - S_{m1}V_{1}(R_{0}I_{1}R_{0}S_{1}Y_{1})$ $V_{1} = V_{1}S_{1} - V_{1}S_{1}Y_{1} - S_{1}X_{1}(R_{0}I_{1}R_{0}S_{1}Y_{1})$ $V_{1} = V_{1}S_{1} - V_{1}S_{1}Y_{1} - S_{1}X_{1}(R_{0}I_{1}R_{0}S_{1}Y_{1})$ $V_{1} = V_{1}S_{1} - V_{1}S_{1}Y_{1} - S_{1}X_{1}(R_{0}I_{1}R_{0}S_{1}Y_{1})$

$$A = \frac{V_0}{V_1} = \frac{9m_19m_1(R_{11}R_{51})(R_{01}R_{51})}{1+(9m_1+9m_1)(R_{51}R_{51})} = \frac{1}{1+(9m_1+9m_1)(R_{51}R_{51})}$$

$$RSI = \frac{o_1 Y}{o_{11}} = \frac{9(K\Omega)}{9(K\Omega)}$$

$$LDQ_1 = \frac{1}{9}(K\Omega)$$

$$SP_1 = \frac{1}{9}(K\Omega)$$

$$SP_2 = \frac{1}{9}(K\Omega)$$

$$SP_3 = \frac{1}{9}(K\Omega)$$

$$SP_4 = \frac{1}{9}(K\Omega)$$

$$S$$

$$\int Av = \left(\frac{-9m_1R_{01}}{1+9m_1R_{S1}}\right) \left(\frac{9m_1R_{S1}}{1+9m_1R_{S1}}\right) = \frac{11911 \times 11}{1+(1/191)(1/191)(1/191)}$$

$$\Im m_1 = 4 \sqrt{1001} \sqrt{1001} = 0.7 \sqrt{1000} = 1.7 \sqrt{1000}$$

$$\Im m_1 = 4 \sqrt{1001} \sqrt{1000} = 1.7 \sqrt{1000}$$

(7.