

作业纸

课程名称: _____

班级: _____

教学班级: 06011909

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学号: 1320191084

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5-5 1. $U_{om} \approx U_{im} = 14.1V$

$$P_o = \frac{U_{om}^2}{2R_L} = 24.85W$$

$$\eta = \frac{\pi U_{om}}{4V_{CC}} = 73.8\%$$

$$P_{V1} = \frac{\frac{V_{CC}U_{om}}{\pi} - \frac{U_{om}^2}{4}}{R_L} = 4.41W$$

2. $2V_{CC} = 30V < U_{(BR)CEO}$
功率管安全

$$\frac{V_{CC}}{R_L} = 3.75A < I_{CM}$$

$$P_{CM} > 0.2 \frac{V_{CC}^2}{2R_L} = 5.625W$$



联系方式: _____

