

Lab report 3 (rubric)

Lab part 1 (Thevenin circuit)

- Error analysis v_{oc} , i_{sc} , R_{th} (2 points)
- Error analysis V_L when $R_L = 1.5K, 7.5K, 200K$ (2 points)

Lab part 2 (Constant current source)

- Plot i_L vs R_L with measured values and compare with pre-lab graph (2 points)

Lab part 3 (Buzzer circuit)

- Error analysis peak - to - peak values of v_i and v_o (2 points)
- Discuss how V_o changes with respect to change in load resistance. How is V_o different when compared to the input? What is controlling the volume of the buzzer? (2 points)