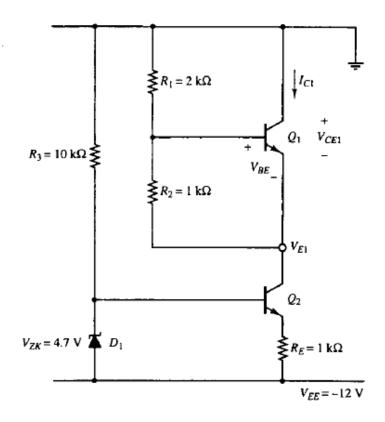
ENEE2360 Project Summer 2022-2223

Due date 4-9-2023

For the circuit shown in Fig.(1)

- a) Using PSPICE, find the current through each resistor and all nodal voltages.
- b) Design a revised version of the circuit so that VE1 = -5.5V.(i.e. change values of R1 and R2)
- c) Verify the designed circuit in step.(b). by simulation
- d) Write a technical <u>typed</u> report (no more than 20 pages) that includes all report elements (theory, calculations, simulation circuits, results, and conclusions)

Note : in Pspice Q1 and Q2 are Q2N2222 (β =256) , D1 is a zener with part number D1N750



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