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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 typed 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