Physics 112

Preliminary Laboratory Questions Exp.4

network analysis II : Thevenin and Norton techniques

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For the circuit shown:



c44







= 8 volt, =4 volt, R1=1 KΩ, R2=2 KΩ, R3=4 KΩ.

1. Use Thevenin’s equivalent circuit techniques to find the current passing through R3.

b) Use Norton’s equivalent circuit techniques to find the current passing through .