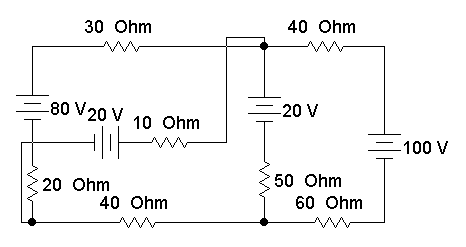
1- By Loop Method find: A

a- The voltage drop and the power dissipated in 10 Ohm resistor. (6 Marks)

b- The voltage of point A. (4 Marks)

2- Convert the voltage sources and repeat using the Node Method. (6 M)

3- Discuss the relation between V and I for a nonlinear resistance. (4 M)  
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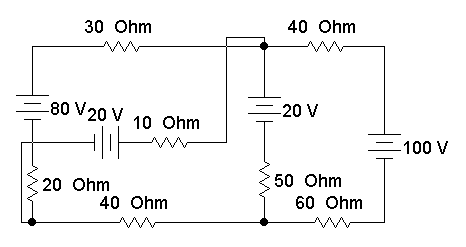
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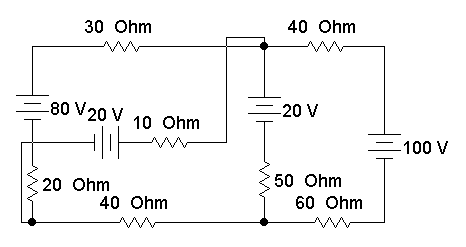
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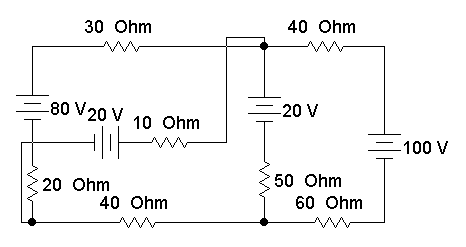
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