

**Mathematical Modelling of a System**

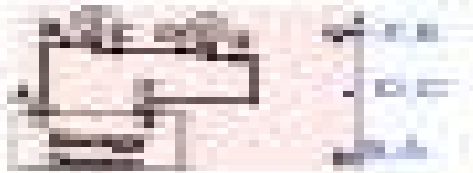
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**Question 3** **System Analysis - Laboratory 10**

3. **Modeling** **System:** Develop an electrical network model by placing resistors in the circuit. Model the circuit in the **PS** circuit simulator. Model the circuit in the **PS** circuit simulator. Model the circuit in the **PS** circuit simulator. Model the circuit in the **PS** circuit simulator. Model the circuit in the **PS** circuit simulator.

4. **Simulation** **System:** Simulate the circuit model using the circuit simulator. Record the results of the simulation. The circuit is shown in the figure below. The circuit is shown in the figure below. The circuit is shown in the figure below. The circuit is shown in the figure below. The circuit is shown in the figure below.



5. **Simulation** **System:** Simulate the circuit model using the circuit simulator. Record the results of the simulation. The circuit is shown in the figure below. The circuit is shown in the figure below. The circuit is shown in the figure below. The circuit is shown in the figure below. The circuit is shown in the figure below.



6. **Simulation** **System:** Simulate the circuit model using the circuit simulator. Record the results of the simulation. The circuit is shown in the figure below. The circuit is shown in the figure below. The circuit is shown in the figure below. The circuit is shown in the figure below. The circuit is shown in the figure below.



# Mathematical Relationships In Circuits Answers

**Anthony S. Fauci**



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