

Experiment 1

Student Group

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Simplified determination of the internal resistance

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Notice:

Any interconnection of linear voltage sources, current sources, and ohmic resistors can be.

- as a single, linear voltage source ([Thévenin theorem](#)) or
- as a single, linear current source ([Norton theorem](#))

In [figure ##](#) it can be seen that the three circuits give the same result (voltage / current) with the same load. This is also true when an (AC) source is used instead of the load.

Simplified determination of the internal resistance

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