1.3 Power analysis in three-phase circuits

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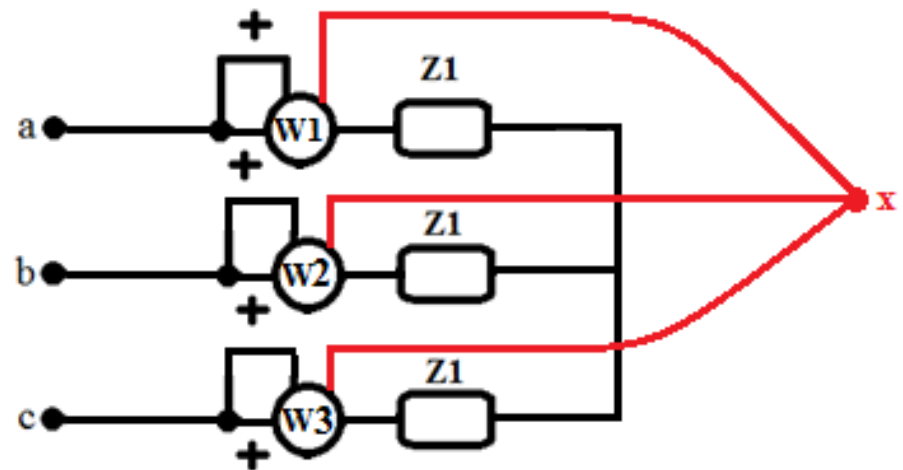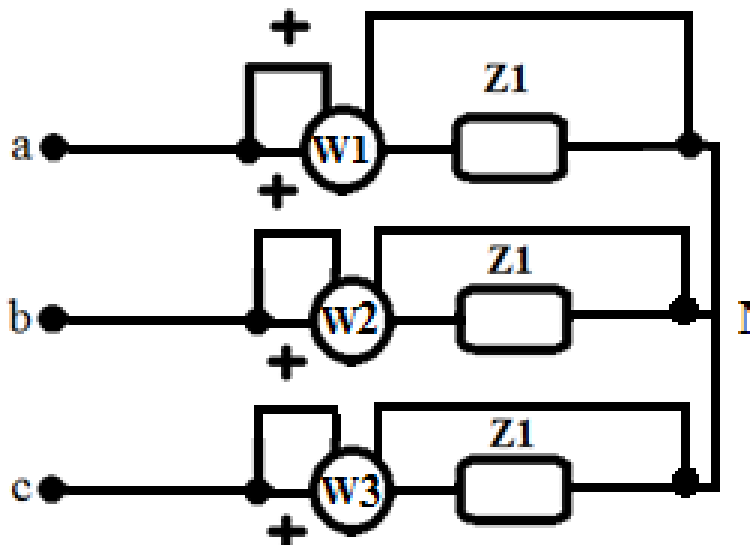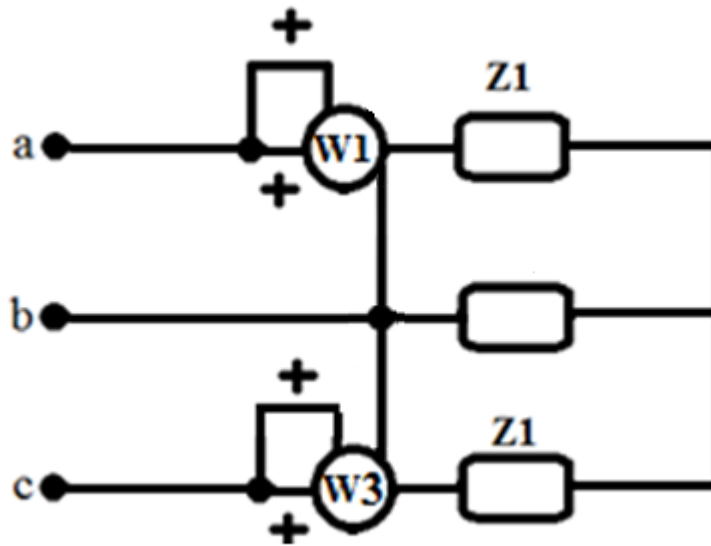Universidad Industrial de Santander

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CONSTRUIMOS FUTURO

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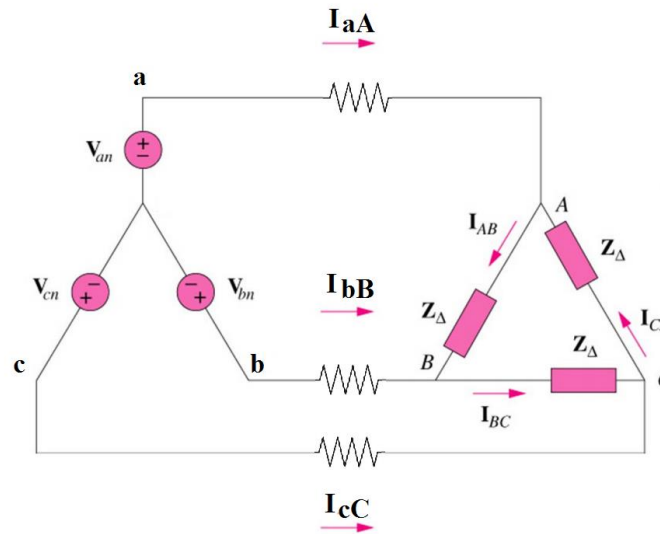# Homework

How does the two-meter wattmeter method works?

Two-meter wattmeter method

¿W1 + W3?
¿W3 − W1?

Example 1

In the balanced three-phase circuit of the figure Rw is equal to 4 Ω. The load consumes an apparent three-phase power of 2400+2100j VA and the lines losses are 300 W. Find: a) I_{aA} b) I_{AB} c) V_{an}.

Example 2

➔ Exercise 1 – Homework 1

➔ Exercise 2 – Homework 1

Thank you for your attention