

Electrical Circuit (2)

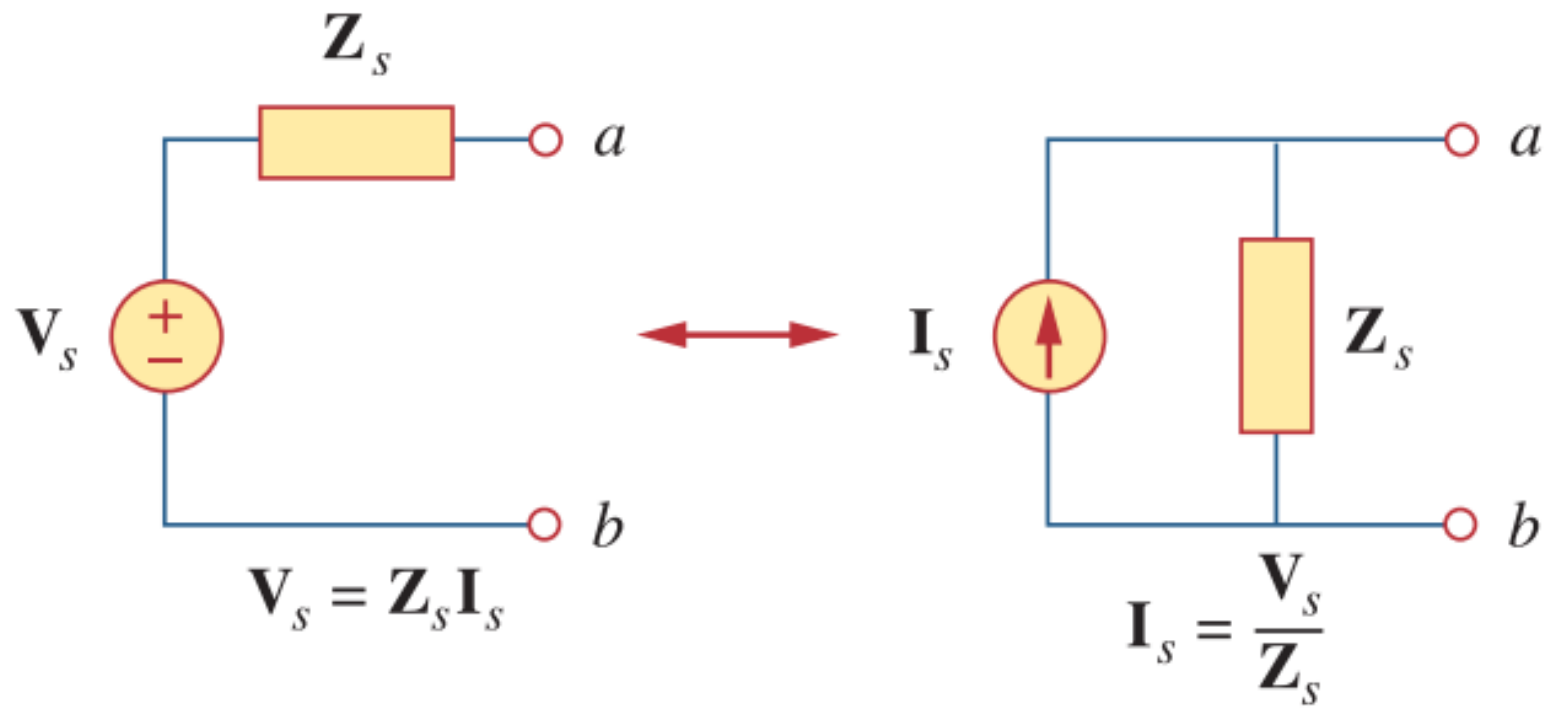
AC Source Transformation (week4 class1)

Dr. Akram Al-Mahrouk
Philadelphia University

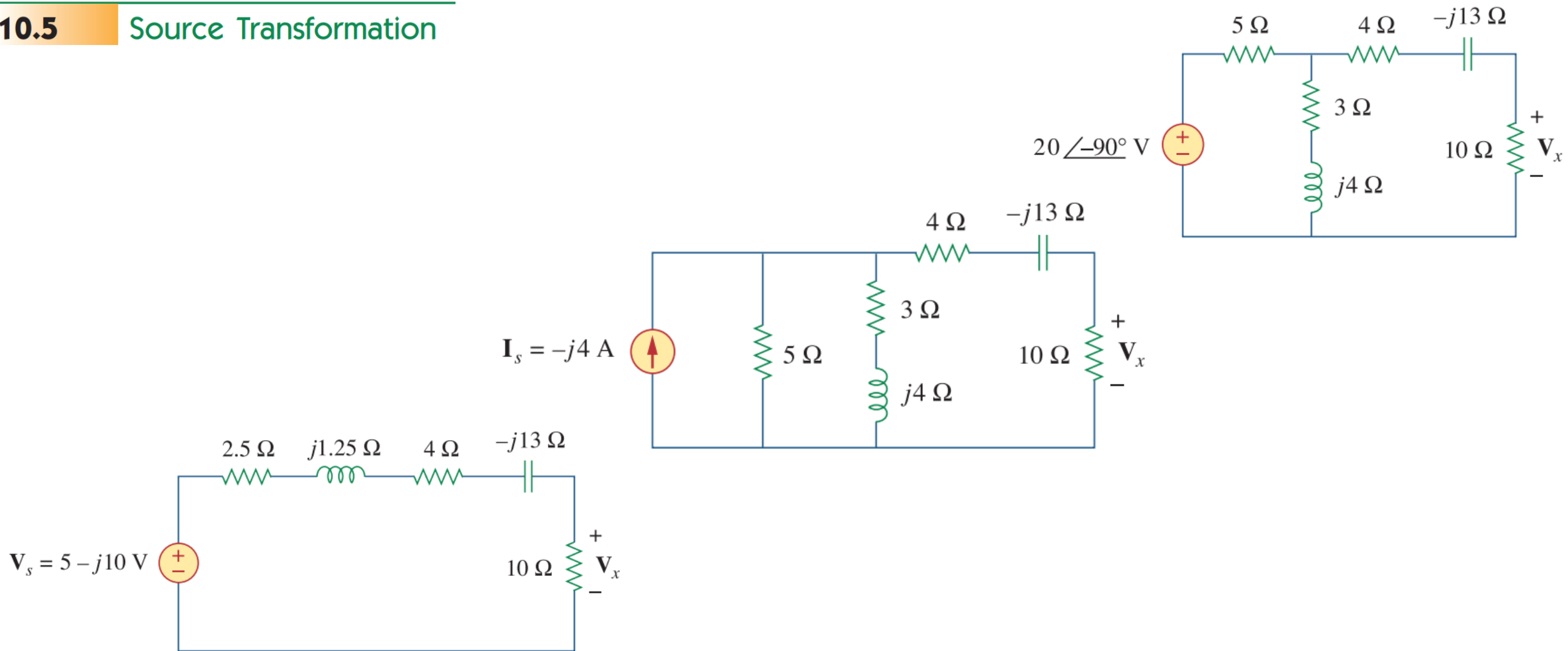
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10.5 Source Transformation



10.5 Source Transformation



$$V_x = (5 - j10) \frac{10}{2.5 + j1.25 + 4 - j13 + 10} = 4.8734 - j2.5895 = 5.519\angle -27.98^\circ$$

10.5 Source Transformation

Answer: $9.863 \angle 99.46^\circ$ A.

