

ALWAYS LEARNING James W. Nilsson | Susan A. Riede

- Understanding phasor concept and be able to perform phasor transform and inverse phasor transform.
- Be able to transform a circuit with sinusoidal source into the frequency domain using phasor transform
- Know how to use circuits analysis techniques to solve circuits in the frequency domain.
- Be able to use phasor in analyzing circuits with ideal transformers.

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TABLE 9.1 Ir	Impedance and Reactance Values	
Circuit Element	Impedance	Reactance
Resistor	R	_
Inductor	$j\omega L$	ωL
Capacitor	$j(-1/\omega C)$	$-1/\omega C$











































