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Rose Arny

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about transcript the ratio of a sinusoidal voltage to a sinusoidal current is called impedance this is a generalization of ohm s

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 ω represents the frequency of a sine wave when we write it this way $\sin \omega t$ if ω 1 the \sin completes one cycle in 2π seconds if ω 2π the \sin completes one cycle even faster every 1 f seconds or equivalently \sin completes f cycles in 1 second

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