***RMS Voltage***

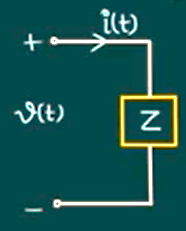
***Phasor***

***RMS Voltage Phasor:*** *It is the Phasor of the Voltage corresponding to the RMS Value is called as RMS Voltage Phasor. It is denoted as (above bar is read as Phasor and subscript read as rms value).*

***RMS Current Phasor:*** *It is the Phasor of the Current corresponding to the RMS Value is called as RMS Current Phasor. It is denoted as (above bar is read as Phasor, \* read as Complex Conjugate, and subscript read as rms value).*

***Complex Power****: It is the product of the rms voltage phasor and the complex conjugate of the rms current phasor is known as the Complex Power. It Is denoted as . OR*

*The Complex Power S absorbed by the load (Z) is the product of the voltage phasor and the complex conjugate of the current phasor.*

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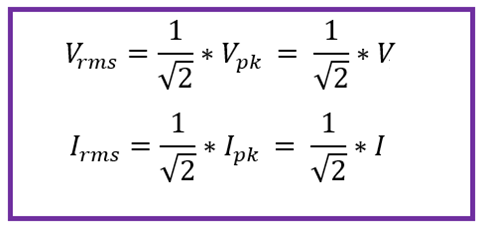
*The voltage having rms value is and Phase angle is*

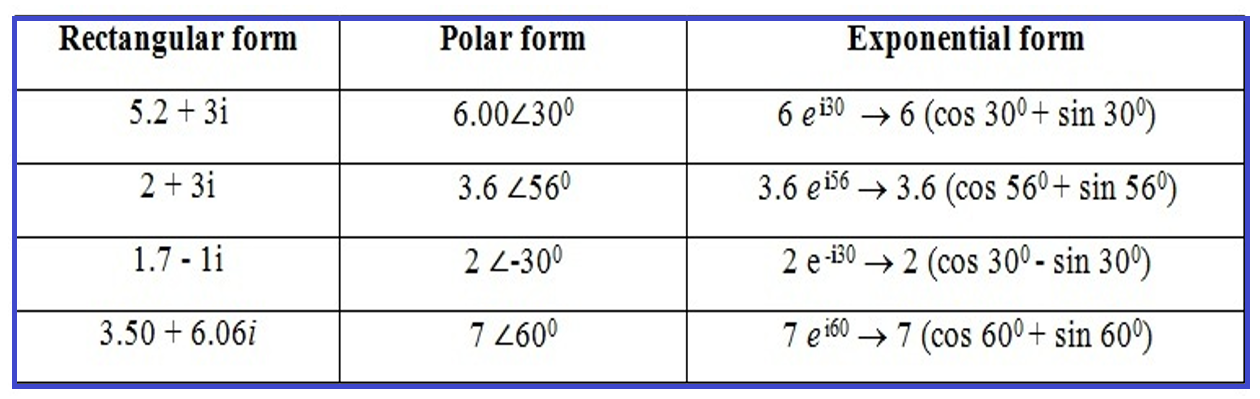
*Similarly, for current*

*If we written both equations in Phasor form*

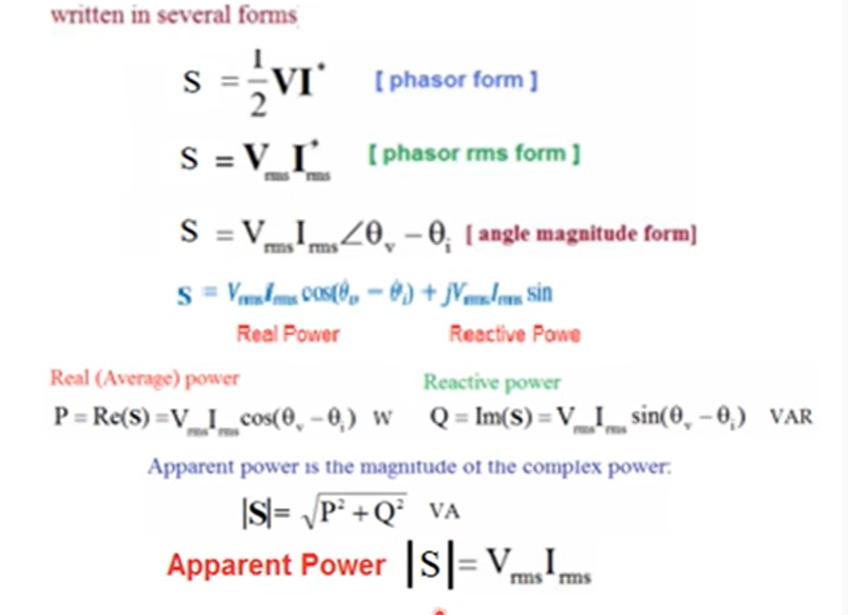
The current written in Complex Conjugate Form then

*The Complex Power is the product of rms voltage phasor and the complex conjugate of the rms current phasor.*

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| Polar Form | Exponential Form |
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