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1.13 Further complex numbers

Checklist

What you should know

By the end of this subtopic you should be able to:

- convert between Cartesian, polar and Euler forms of complex numbers

- multiply and divide complex numbers in polar and Euler forms

- understand and describe the geometric significance of operations with complex numbers as represented in the Argand diagram

- add sine and cosine functions using properties of complex numbers

- understand how voltage sources can be modelled using sine and cosine functions and added using properties of complex numbers.

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