CHAPTER OVERVIEW

2: Complex Numbers

Chapter Objectives

- Be able to perform basic arithmetic operations with complex numbers.
- Understand the different forms used to express complex numbers (cartesian, polar and complex exponentials).
- Calculate the complex conjugate and the modulus of a number expressed in the different forms (cartesian, polar and complex exponentials).
- Be able to manipulate complex functions.
- Be able to obtain expressions for the complex conjugate and the square of the modulus of a complex function.