2 Assignment 1 — Complex Analysis (Mostly Review)

Before starting work on this assignment, it is **critically important** that the student carefully read Section 1 (titled "General Information"), which starts on page 1 of this document.

Regular Problems

- ◇ A.1 c **`[convert to Cartesian form]`**
- ◇ A.2 b d **`[convert to polar form, principal argument]`**
- ◇ A.3 a b f g **`[complex arithmetic]`**
- ◇ A.4 b e **`[properties of complex numbers]`**
- ◇ A.5 c f **`[magnitude/argument]`**
- ◇ A.6 b **`[Euler's relation]`**
- ◇ A.11 c d **`[continuity, differentiability, analyticity]`**
- ◇ A.13 b c **`[poles/zeros]`**

MATLAB Problems

This assignment has no MATLAB problems.