

DEPARTMENT OF MATHEMATICS, UNIVERSITY OF UTAH  
**Applied Complex Variables and Asymptotic Methods**  
**MATH 6720 – Section 001 – Spring 2023**

**Homework 0**  
**Basics of complex numbers**

**Not graded: For practice only**

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Text: *Complex Variables: Introduction and Applications*, Ablowitz & Fokas,

Exercises: 1.1.2 (b,d)  
1.1.3  
1.2.1  
1.2.5  
1.2.6  
1.2.8  
1.3.1  
1.3.5