

DEPARTMENT OF MATHEMATICS, UNIVERSITY OF UTAH
Applied Complex Variables and Asymptotic Methods
MATH 6720 – Section 001 – Spring 2023
Homework 3
Taylor Series

Due: Tuesday, February 28, 2023

Below, problem C in section A.B is referred to as exercise A.B.C.

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

Exercises: 2.6.2
2.6.5
2.6.7
3.2.3
3.3.3
3.3.4
3.5.1, parts a) - f), and i) and j)
3.5.2, parts a) - c)

Submit your homework assignment on Canvas via Gradescope.