

THE CHINESE UNIVERSITY OF HONG KONG
Department of Mathematics

MATH2230 Complex Variables with Applications
2022-2023 T2

Homework 1

Due time: 09 February 2023, 23:59

Please put your answer sheets in the assignment box opposite to the
General Office of the Department of Mathematics (Room 220, LSB)

All problems are taken from **COMPLEX VARIABLES AND APPLICATIONS**,
Ninth Edition, by James Ward Brown/Ruel V. Churchill.

P.13: 5, 7
P.16: 7
P.24: 5, 9
P.31: 3, 7
P.43: 4 (please provide detailed computation), 6
P.55: 10, 11
P.61: 4, 9

Practice Problems (Do not turn in)

P.25: 11
P.43: 2, 3
P.55: 1, 7
P.61: 8