

THE CHINESE UNIVERSITY OF HONG KONG
Department of Mathematics

MATH2230 Complex Variables with Applications
2022-2023 T2

Homework 3

Due time: 23 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.119: 4
P.133: 3, 4, 6
P.138: 2, 5
P.147: 5
P.159: 4, 6

Practice Problems (Do not turn in)

P.133: 9
P.139: 3, 8