

**THE CHINESE UNIVERSITY OF HONG KONG**  
**Department of Mathematics**

**MATH2230 Complex Variables with Applications**  
**Second term 2023-24**

**Homework 4: due March 13**

All problems are taken from *Complex Variables and Applications*,  
Ninth Edition, by James Ward Brown/Ruel V. Churchill.

P.170: 1, 3, 7, 10

P.177: 2, 4, 5

P.185: 9

P.196: 1, 2

P.219: 3, 9

**Practice Problems (Do not turn in)**

P.171: 8, 9

P.220: 8