

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

**MATH2230 Complex Variables with Applications**  
**2024-2025 Term 2**

**Homework 9**  
**Due time: 2nd April 2025, 23:59**

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

P.206: 4, 5, 7  
P.219: 2

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

P.207: 8, 10