

Course: Elementary Complex Analysis
Code: MI/D 312

Reading material:

Text Book: Churchill R. V. and Brown, J. W. Complex variables and applications, McGraw-Hill International edition, 2006.

Section 24: Analytic function (pages 73-75)

Section 25: Examples (pages 75-77)

Section 26: Harmonic functions (pages 78-81)

Section 29: Exponential function (pages 89-92)

Section 30: Logarithm function (pages 93-94)

Section 31: Branches and derivatives of logarithm (pages 95-97)

Assignment: (Test III) (pages 265-268)

1. Exercise 2-5 (Section 24)
2. Exercise 1-4 (Section 26)
3. Exercise 8-10 (Section 29)
4. Exercise 1-5 (Section 31)