COMPLEX ANALYSIS

Course Content

July 17 - August 11, 2023 – SMI Summer School Perugia

Professor John Erik Fornaess, NTNU, Trondheim

Textbook: Walter Rudin, "*Real and Complex Analysis*", Third edition 1987.
Remark: You can use any edition of the book.

Program: Material from Chapters 10-14.
Remark: The course is completely self-contained and presumes no previous knowledge of complex analysis.

Further indication for suggested reading before the course:
Reviewing basic knowledge about one and two real variable calculus. We will use tools from calculus such as integration on curves, sequences and infinite sums and radius of convergence of power series.