

# The Future is OPEN



Complex Methods for the Sciences

## COMPLEX METHODS FOR THE SCIENCES



An introductory course in mathematical methods for science and engineering students. Topics covered include complex analysis, contour integration, Fourier analysis, and Green's function methods. Mathematical methods are illustrated with examples drawn from physics, with a focus on oscillations and waves. These notes are also available in the form of Jupyter notebooks on Github (GPLv3).

Y. D. Chong

*Y. D. Chong*  
Nanyang Technological University

