

Physics

- home-blog (transfer ownership @jai2018 → @jair2018)
- art-blog
- business-blog
- car-blog
- code-blog
- data-blog
- design-blog
- family-blog
- fashion-blog
- finance-blog
- fitness-blog

Differential Equations

- food-blog
- game-blog
- health-blog
- home-blog
- law-blog
- movie-blog
- music-blog
- news-blog
- photo-blog
- poetry-blog
- politics-blog
- school-blog
- science-blog
- sport-blog
- tech-blog
- travel-blog
- water-blog

In the winter time people tend not to shake hands not to spread germs as winter as many people are sick

Issues creating this:

"video-blog" water-blog

COVERED (3rd Year Course)

Complex Analysis

- Chapter 1: Complex Numbers
- Chapter 2: Arguments and Polar forms of Complex Numbers
- Chapter 17: Singular Integrals on  $(-\infty, \infty)$
- Chapter 3: Exponentials & Powers and Roots
- Chapter 18: Integrals on Branch Cuts
- Chapter 4: Functions of a Complex Variables
- Chapter 5: Holomorphic Functions and the Cauchy-Riemann Equation
- Chapter 6: The Exponential, Trigonometric and Hyperbolic Function
- Chapter 7: Logarithms, Complex Powers, Branches and Cuts
- Chapter 8: Contours Integrals and Path Independence (January)
- Chapter 9: Cauchy Integral Theorems
- Chapter 10: Cauchy Integral Formulas
- Chapter 11: Taylor and Power Series
- Chapter 12: Laurent Series and Isolated Singularities
- Chapter 13: Residues
- Chapter 14: Trigonometric Integrals
- Chapter 15: Cauchy Principal Values of Improper integrals on  $(-\infty, \infty)$
- Chapter 16: Fourier Transforms of Rational Function

Economics

Professor Miran  
Office hours

M-W 1:00-1:30pm