



4. Assignment 4, due Thurs March 25, 2021:

(a) Fourier transforms

5. Assignment 5, due Thurs April 8, 2021:

(a) Review material from MATC34: residues, poles, Liouville , contour integrals

(b) The Riemann sphere, the torus

(c) Definition of Riemann surface

**Marking scheme:**

5 Assignments 75 %

Oral presentation (via Zoom) or written report on a topic chosen from a list of suggestions,  
25 %

Although you may work together and ask questions about the assignments, the work you hand in must be written up in your own words.