

241 Homework 5 - Due Wednesday June 21

Zeros, Poles, Residues

19.4.11

19.4.17

19.4.18

The Residue Theorem

19.5.16

19.5.19

19.5.31

Real Integrals

19.6.9

19.6.17

19.6.34

Compute the (complex) Fourier Transform of $f(x) = \frac{1}{x^2+1}$.