

MA/PHY507 Spring 2018
Problem Set 7
DUE: Wednesday, 28 March 2018

1. Arfken, section 11.8, pages 538–540, problems: 11.8.1, 11.8.10, 11.8.12 a).
2. Compute the integral

$$\int_{-\infty}^{\infty} \frac{\sin x}{x(x^2 + 1)} dx.$$