

Download Folland Real Analysis Solutions Chapter 2

1 REAL ANALYSIS 1 Real Analysis 1.1 1991 November 21 1.(a) Let f_n be a sequence of continuous, real valued functions on $[0;1]$ which converges uniformly to f . The second edition of *A Course in Real Analysis* provides a solid foundation of real analysis concepts and principles, presenting a broad range of topics in a clear and concise manner. Using a progressive but flexible format, this book contains a series of independent chapters that show how the principles and theory of real analysis can be applied in a variety of settings—in subjects ranging from Fourier series and polynomial approximation to discrete dynamical systems and nonlinear optimization. In mathematics, an integral assigns numbers to functions in a way that can describe displacement, area, volume, and other concepts that arise by combining infinitesimal data.