

Folland Solution Real Analysis

Chapter 1 : Folland Solution Real Analysis

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 over that $\lim_{n \rightarrow \infty} \int_0^1 f_n(x) dx = \int_0^1 f(x) dx$ for any sequence x_n which converges to $x=1/2$. (b) must the conclusion still hold if the convergence is only point-wise?

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