

ERRATA TO “A GUIDE TO ADVANCED REAL ANALYSIS”

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Additional corrections will be gratefully received at folland@math.washington.edu .

“line $-n$ ” means “line n from the bottom.”

Page 12, Theorem 1.7, line 1: topological space \rightarrow Hausdorff space

Page 13, line 3: the case $X = \mathbb{R}^2$ \rightarrow the case where X is a metric space (It was Lebesgue who started things off by extending continuous functions from the boundary of a region in \mathbb{R}^2 to the interior. Tietze generalized Lebesgue, and Urysohn generalized Tietze.)

Page 30, Theorem 2.7d: For the case $f, g \in L^+$, assume that the measure is semifinite, i.e., every set of infinite measure has a subset of positive finite measure. In particular, this condition is satisfied if the measure is sigma-finite.