

ERRATA FOR
“MEASURE THEORY AND FINE PROPERTIES OF FUNCTIONS”
BY L. C. EVANS AND R. F. GARIEPY (CRC PRESS, 1992)

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Page 21 Add “ $g_k \rightarrow g$ μ a.e.” to the hypotheses of Theorem 4.

Page 21 A better proof of Theorem 5 is to observe (*) implies

$$\int \sum_{j=1}^{\infty} |f_{kj} - f| d\mu < \infty,$$

and so

$$\sum_{j=1}^{\infty} |f_{kj} - f| < \infty \mu \text{ a.e.}$$

Page 41, line 8 Delete “ $\mu(A - \cup_{m=-\infty}^{\infty} A_m) =$ ”.

Page 45, lines 6 and 9 “Lebesgue”.

Page 50, lines 7-8 “Caratheodory”.

Page 66 A better proof of Lemma 1 is to note $A = \{g \geq 0\} \cap \{y \geq 0\}$,
for the measurable function $g(x, y) = f(x) - y$.

Page 71, line 11 “Corollary 2 in Section 1.5.1”.

Page 73, line 6 “PROOF”.

Page 81, line 11 “ $L(y - x)$ ”.

Page 93, line 5 “Theorem 4 in Section 1.1.1”.

Page 98, line 5 “Fix $0 < \varepsilon \leq 1$ ”.

Typeset by $\mathcal{A}\mathcal{M}\mathcal{S}$ -TEX

Page 104, line 12 “ $y \in \mathbb{R}^m$ ”.

Page 105, line -9 Assertion (i) is false if $n > m$. Delete lines -3, -4, -9.

Page 109, line -12 “ $A \subset \mathbb{R}^n$ ”.

Page 115, line 11 “Fix $0 < \varepsilon \leq 1$ ”.

Page 115, line -1 “ \mathcal{H}^{n-m} ”.

Page 128, Figure 4.2 Change “ ε ” to “ ϵ ”.

Page 130, line -6 Add “ dx ” to the first integral.

Page 145, lines -6, -9, -10 Change “ ϵ^{-n} ” to “ $\epsilon^{-n/p}$ ”.

Page 171, line -1 Change “ Df ” to “ $[Df]$ ”.

Page 175, line -3 “Theorem 2 in Section 5.2.2”.

We are very grateful to N. V. Krylov and especially W. Strauss for providing us with lists of errors.