ERRATA TO “VECTOR MEASURES AND THE STRONG OPERATOR TOPOLOGY”

PAUL LEWIS, KIMBERLY MULLER, AND ANDY YINGST

ABSTRACT. Typographical errors which changed important definitions in the paper “Vector measures and the strong operator topology” (*Proc. Amer. Math. Soc.* **137** (2009), 2345–2350) are addressed.

In our paper “Vector measures and the strong operator topology”, *Proc. Amer. Math. Soc.* **137** (2009), 2345–2350, the following corrections should be made:

1. p. 2346, line -5 (5th line from the bottom): The “ Y ” in the first math mode has been changed to “ $c(Y)$ ” in the second math mode.

“Note that $c(Y) \cong (L(\mathbf{R}, Y), \text{ sot})$ ”

should read

“Note that $c(Y) \cong (L(\mathbf{R}, c(Y), \text{ sot}))$.”

2. p. 2347, two conclusions to Corollary 3:

(i) The concluding sentence of part (i) should end with the assertion “... no infinite subsequence of (μ_n) can converge setwise on all elements of $\sigma((A_n))$.”

(ii) The concluding sentence of part (ii) should end with the assertion “... no infinite subsequence of (μ_n) can converge setwise on all elements of $\sigma((A_n))$.”

3. p. 2347, line 23. This is displayed and deals with the definition of the measure on cofinite sets. The preceding line consists solely of the word “and”. A minus sign should precede Σ . Thus line 23 should read:

$$\mu(A) = - \sum_{n \in A^c} e_n, \quad A \text{ cofinite.}$$

4. The index of summation in the concluding sentence of the proof of Corollary 6, p. 2348, should be k and not n . That is, the concluding sentence should read:

“Thus $\sum_{k=1}^{\infty} |x^*(\mu_n(k))| \xrightarrow{n} 0$.”

DEPARTMENT OF MATHEMATICS, UNIVERSITY OF NORTH TEXAS, BOX 311430, DENTON, TEXAS 76203-1430

DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE, LAKE SUPERIOR STATE UNIVERSITY, 650 W. EASTERDAY AVENUE, SAULT STE. MARIE, MICHIGAN 49783-1699

DEPARTMENT OF MATHEMATICS, UNIVERSITY OF SOUTH CAROLINA, P.O. BOX 889, LANCASTER, SOUTH CAROLINA 29721

Received by the editors November 8, 2009.

2010 *Mathematics Subject Classification*. Primary 28B05, 46B28, 46B25.

©2010 American Mathematical Society
 Reverts to public domain 28 years from publication