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CORRECTION TO "STRASSEN'S THEOREM FOR VECTOR MEASURES"

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There is a gap in the proof of Theorem 3.2 in my paper [4]. The use of the Kluvanek extension theorem (see page 27 of [1]) at the top of page 816 is unjustified since there is no guarantee that the measure ρ_0 is strongly additive. In view of this, the statement of Theorem 4.4, whose proof makes use of Theorem 3.2, needs to be revised.

A Banach lattice in which every norm bounded increasing sequence converges to its supremum is called a KB-space (see [3] and [5]). Elsewhere in this journal (see [2]), A. Hirshberg and I prove Theorem 3.2 for a measure that takes its values in a KB-space, so Theorem 4.4 does hold for such measures. It is still unknown whether Theorems 3.2 and 4.4 are valid as stated in [4].

References

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