CORRECTION TO: "A STUDY OF CERTAIN SEQUENCE SPACES OF MADDOX AND A GENERALIZATION OF A THEOREM OF IYER"

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Correction to

A STUDY OF CERTAIN SEQUENCE SPACES OF MADDOX AND A GENERALIZATION OF A THEOREM OF IYER

CONSTANTINE G. LASCARIDES

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I am afraid that Theorem 14, as stated in p. 496, is incorrect. The correct version of this theorem is as follows:

THEOREM 14. *The following statements* (1), (2) *and* (3) *are equivalent and imply statement* (4):

(1) $A \in (l_\infty(1/k), c_0)$;

(2) $\sum_k |a_{nk}| N^k \to 0$ $(n \to \infty)$ *for every* $N > 1$;

(3) (i) $\sup_{n,k} |a_{nk}| N^k < \infty$ *for every* $N > 1$, (ii) $\lim_n a_{nk} = 0$ *for every fixed* k;

(4) $\sup_k |a_{nk}|^{1/k} \to 0$ $(n \to \infty)$.

Proof. The equivalence of (1), (2) and (3) follows easily from Theorem 3 [3], Theorem 12 and Lemma 3. Now, since it has been shown in the original argument that (2) implies (4) the proof of the theorem is completed.

We remark in passing that a generalized version of the first part of Theorem 14 has been proved recently (cf. C. G. Lascarides; *Duality, matrix transformations and weak convergence in some classes of sequences generated by infinite matrices*. Ph. D. Thesis, University of Lancaster, England (1971); Theorem 4.2.10).

Finally, we notice a minor misprint in p. 489 line 8, where the inclusion $c(p; 1) \supset c_0(p; 1)$ should be $c(p; 1) \subset c_0(p; 1)$.

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Correction to

AN EXTENSION OF SOME RESULTS OF TAKESAKI IN THE REDUCTION THEORY OF VON NEUMANN ALGEBRAS

GEORGE A. ELLIOTT

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On the front cover, Takesaki is misspelled in the title of my paper.

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