

Pacific Journal of Mathematics

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

CONSTANTINE G. LASCARIDES

Correction to

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

CONSTANTINE G. LASCARIDES

Volume 38 (1971), 487-500

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) $\sum_k |a_{nk}| N^k \rightarrow 0$ ($n \rightarrow \infty$) 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) $\sup_k |a_{nk}|^{1/k} \rightarrow 0$ ($n \rightarrow \infty$).

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 $c(p; 1) \subset c_0(p; 1)$.

UNIVERSITY OF ATHENS
ATHENS-GREECE

Correction to

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

GEORGE A. ELLIOTT

Volume 39 (1971), 145-148

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

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The *Pacific Journal of Mathematics* is published monthly. Effective with Volume 16 the price per volume (3 numbers) is \$8.00; single issues, \$3.00. Special price for current issues to individual faculty members of supporting institutions and to individual members of the American Mathematical Society: \$4.00 per volume; single issues \$1.50. Back numbers are available.

Subscriptions, orders for back numbers, and changes of address should be sent to Pacific Journal of Mathematics, 103 Highland Boulevard, Berkeley, California, 94708.

PUBLISHED BY PACIFIC JOURNAL OF MATHEMATICS, A NON-PROFIT CORPORATION

Printed at Kokusai Bunken Insatsusha (International Academic Printing Co., Ltd.), 270, 3-chome Totsuka-cho, Shinjuku-ku, Tokyo 160, Japan.

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