

# Pacific Journal of Mathematics

**CORRECTION TO: "AN EXTENSION OF SOME RESULTS OF  
TAKESAKI IN THE REDUCTION THEORY OF VON NEUMANN  
ALGEBRAS"**

GEORGE A. ELLIOTT

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  
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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.

There is one other misprint, which appears in the article, which results in the French “Lemme” becoming “Lemma” (line 2, page 146).

Correction to

ON A QUESTION OF TARSKI AND A MAXIMAL  
THEOREM OF KUREPA

J. D. HALPERN

Volume 41 (1972), 111–121

The following paragraph, which should have been the last paragraph of part 1 was inadvertently left out of the revised manuscript of my paper.

“The results concerning the *FMS* model were accomplished under the guidance of Azriel Lévy and appear somewhat differently in my thesis. I am deeply indebted to him for suggestions and inspiration.”

Also on page 121 line 3, a restriction sign should occur after  $g'$ , i.e. the line should read:

$$g(\beta) = (g' \mid [P_{<\omega}(\tau(\beta)) - \bigcup_{\gamma < \beta} \dots$$

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