Pacific Journal of Mathematics

CORRECTION TO: "ON A QUESTION OF TARSKI AND A MAXIMAL THEOREM OF KUREPA"

JAMES DANIEL HALPERN

Vol. 43, No. 3 May 1972

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) $\sum_k |a_{nk}| N^k \to 0$ $(n \to \infty)$ *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 $c(p; 1) \subset c_0(p; 1)$.

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.

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:

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

PACIFIC JOURNAL OF MATHEMATICS

EDITORS

H. SAMELSON
Stanford University
Stanford, California 94305

J. DUGUNDJI
Department of Mathematics
University of Southern California
Los Angeles, California 90007

C. R. HOBBY
University of Washington
Seattle, Washington 98105

RICHARD ARENS
University of California
Los Angeles, California 90024

ASSOCIATE EDITORS

E. F. BECKENBACH B. H. NEUMANN F. WOLF K. YOSHIDA

SUPPORTING INSTITUTIONS

UNIVERSITY OF BRITISH COLUMBIA
CALIFORNIA INSTITUTE OF TECHNOLOGY
UNIVERSITY OF CALIFORNIA
MONTANA STATE UNIVERSITY
UNIVERSITY OF NEVADA
NEW MEXICO STATE UNIVERSITY
OREGON STATE UNIVERSITY
UNIVERSITY OF OREGON
OSAKA UNIVERSITY
UNIVERSITY OF SOUTHERN CALIFORNIA
STANFORD UNIVERSITY
UNIVERSITY OF TOKYO
UNIVERSITY OF UTAH
WASHINGTON STATE UNIVERSITY
UNIVERSITY OF WASHINGTON
* * *
AMERICAN MATHEMATICAL SOCIETY
NAVAL WEAPONS CENTER

The Supporting Institutions listed above contribute to the cost of publication of this Journal, but they are not owners or publishers and have no responsibility for its content or policies.

Mathematical papers intended for publication in the *Pacific Journal of Mathematics* should be in typed form or offset-reproduced, (not dittoed), double spaced with large margins. Underline Greek letters in red, German in green, and script in blue. The first paragraph or two must be capable of being used separately as a synopsis of the entire paper. The editorial "we" must not be used in the synopsis, and items of the bibliography should not be cited there unless absolutely necessary, in which case they must be identified by author and Journal, rather than by item number. Manuscripts, in duplicate if possible, may be sent to any one of the four editors. Please classify according to the scheme of Math. Rev. Index to Vol. **39**. All other communications to the editors should be addressed to the managing editor, Richard Arens, University of California, Los Angeles, California, 90024.

50 reprints are provided free for each article; additional copies may be obtained at cost in multiples of 50.

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.

Pacific Journal of Mathematics
Vol. 43, No. 3 May, 1972

Max K. Agoston, *An obstruction to finding a fixed point free map on a manifold* 543
Nadim A. Assad and William A. Kirk, *Fixed point theorems for set-valued mappings of contractive type* 553
John Winston Bunce, *Characterizations of amenable and strongly amenable C^*-algebras* 563
Erik Maurice Ellentuck and Alfred Berry Manaster, *The decidability of a class of AE sentence in the isols* 573
U. Haussmann, *The inversion theorem and Plancherel's theorem in a Banach space* 585
Peter Lawrence Falb and U. Haussmann, *Bochner's theorem in infinite dimensions* 601
Peter Fletcher and William Lindgren, *Quasi-uniformities with a transitive base* 619
Dennis Garbanati and Robert Charles Thompson, *Classes of unimodular abelian group matrices* 633
Kenneth Hardy and R. Grant Woods, *On c-realcompact spaces and locally bounded normal functions* 647
Manfred Knebusch, Alex I. Rosenberg and Roger P. Ware, *Grothendieck and Witt rings of hermitian forms over Dedekind rings* 657
George M. Lewis, *Cut loci of points at infinity* 675
Jerome Irving Malitz and William Nelson Reinhardt, *A complete countable $L^Q_{\omega_1}$ theory with maximal models of many cardinalities* 691
Wilfred Dennis Pepe and William P. Ziemer, *Slices, multiplicity, and Lebesgue area* 701
Keith Pierce, *Amalgamating abelian ordered groups* 711
Stephen James Pride, *Residual properties of free groups* 725
Roy Martin Rakestraw, *The convex cone of n-monotone functions* 735
T. Schwartzbauer, *Entropy and approximation of measure preserving transformations* 753
Peter F. Stebe, *Invariant functions of an iterative process for maximization of a polynomial* 765
Kondagunta Sundaresan and Wojbor Woyczynski, *L-orthogonally scattered measures* 785
Kyle David Wallace, *C_λ-groups and λ-basic subgroups* 799
Barnet Mordecai Weinstock, *Approximation by holomorphic functions on certain product sets in C^n* 811
Donald Steven Passman, *Corrections to: "Isomorphic groups and group rings"* 823
Don David Porter, *Correction to: "Symplectic bordism, Stiefel-Whitney numbers, and a Novikov resolution"* 825
John Ben Butler, Jr., *Correction to: "Almost smooth perturbations of self-adjoint operators"* 825
Constantine G. Lascarides, *Correction to: "A study of certain sequence spaces of Maddox and a generalization of a theorem of Iyer"* 826
George A. Elliott, *Correction to: "An extension of some results of takesaki in the reduction theory of von neumann algebras"* 826
James Daniel Halpern, *Correction to: "On a question of Tarski and a maximal theorem of Kurepa"* 827