

# Pacific Journal of Mathematics

**CORRECTION TO: "TWO-GROUPS AND JORDAN ALGEBRAS"**

JAMES EDWARD WARD

Also in the final remark on p. 186, the group should be the universal covering of the group of rigid motions instead of the group of rigid motions.

Correction to

## TWO-GROUPS AND JORDAN ALGEBRAS

JAMES E. WARD, III

Volume 32 (1970), 821-829

The figure summarizing the inductive definition of  $A_{k+1}$  when  $A_k$  is known which appears on page 824 of my paper is wrong. It should be:

If the  $2^{k+1} \times 2^{k+1}$  matrix  $A_k$  is known and is given in block form by

$$A_k = \left[ \begin{array}{c|c} B_1 & B_2 \\ \hline B_3 & B_4 \end{array} \right]$$

where the  $B_i$ ,  $1 \leq i \leq 4$ , are  $2^k \times 2^k$  matrices, then  $A_{k+1}$  is the  $2^{k+2} \times 2^{k+2}$  matrix given in block form by

$$A_{k+1} = \left[ \begin{array}{c|c|c|c} B_1 & B_1 + I + 2^k & B_2 & B_2 + 2^k \\ \hline 0 & B_1 & 0 & B_2 \\ \hline B_3 & B_3 + 2^k & B_4 & B_4 + I + 2^k \\ \hline 0 & B_3 & 0 & B_4 \end{array} \right].$$

Here  $O$  and  $I$  are the  $2^k \times 2^k$  zero and identity matrices, respectively, and if  $C = B_i$  or  $B_j + I$ ,  $i = 2, 3$ ,  $j = 1, 4$ , then  $C + 2^k$  denotes the  $2^k \times 2^k$  matrix obtained by adding  $2^k$  to each subscript of the matrix  $C$  under the conventions (1)  $a_0 = b_2$  in  $B_2$  and  $B_3$ , and (2) if an entry of  $C$  is zero then the corresponding entry of  $C + 2^k$  is also zero.

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