

**CORRECTIONS TO MY PAPER "CLIFFORD ALGEBRAS AND FAMILIES OF ABELIAN VARIETIES",  
NAGOYA MATH. J. 27 (1966), 435—446**

I. SATAKE

1. P. 436, line 5ff: For " $tr(e_+^{-1}x'e + y)$ " read " $tr(e_+^{-1}x'e_+y)$ ".  
 P. 440, line 13: After "... of hermitian type" insert "(of type I, II, III)".  
 P. 441, line 15: After "... given in 2." insert the following sentence.  
 "For simplicity, we assume that  $q = 2$  and  $b_2$  is invertible."  
 P. 443, lines 2, 3: For " $\Phi_{n,v}$ " read " $\Phi_{u,v}$ ".  
 Line 8: For "(or:" read "(r:".  
 Line 14: For " $\in \mathcal{L}$ " read " $\subset \mathcal{L}$ ".  
 Line 15: For " $b$ " read " $b_2$ ".  
 Lines 16-18: The sentence "If  $0 < r \leq n$ , ... the above equality." should read as follows: "If  $0 < r < n$ , one can always find  $u \in C_r$  such that  $u, ue_-, e_-u$  are linearly independent, contradicting the above equality. (E.g., if  $r \leq p$ , put  $u = e_1 \dots e_r + e_1 \dots e_{r-1}e_{p+1}$ .)"  
 Line 5 ff: For " $\mathcal{P}(L, a, 1, 0)$ " read " $\mathcal{P}(L, a, 0, 1)$ ".
  
2. On p. 442, in the statement of Proposition 4, one possibility was erroneously dropped. Namely, *in case  $n$  is even*, the following modifications should be made:  
 Line 8: For " $g_2$  in  $G$ " read " $g_2 \in C^+$  such that  $g_2'g_2 = 1, g_2Vg_2^{-1} = V$ ".  
 Line 9: For " $v$  in  $C^+$ " read " $v$  in  $C^\pm$ ".  
 (For the case where  $n$  is odd, both the actual and modified statements are true.) One may get a correct proof by changing the actual one at the following points:  
 P. 442, line 15: For "first" read "in case  $n$  is odd".  
 Lines 18-20: Delete "Hence, ... that  $\phi = \text{id}$ ." and put the following

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sentence: "In case  $n$  is even, one has also another possibility where  $\phi$  is given by  $gK \rightarrow g_2 g e_1 K$  with  $g_2 \in C^-$ ,  $g_2' g_2 = 1$ ,  $g_2 V g_2^{-1} = V$ ."

P. 443, line 15 ff: Before "Therefore" insert "Now  $\Phi(x) = g_2^{-1} \Psi(x)$  satisfies clearly the condition (\*)."

Line 14 ff: For " $\Psi(x) = xv$ " read " $\Psi(x) = g_2 xv$ ".

Line 10 ff: For " $\Psi(x) = xv$  with  $v \in C^+$ " read " $\Psi(x) = g_2 xv$  with  $v \in C^+$  according as  $g_2 \in C^{\pm}$ ".

Line 9 ff: Delete "with  $g_2 = 1$ ".

For the case  $g_2 \in C^-$ , one should replace  $\mathcal{L}$  by the set  $\mathcal{L}'$  of all linear mappings  $\Phi$  of  $C^+$  into  $C^-$  satisfying (\*). Note also that, for  $n$  even, the  $C_r$ 's are again irreducible except for  $r = \frac{n}{2}$  and  $C_{n/2}$  splits into the direct sum of two mutually inequivalent irreducible components of the same dimension.