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 "$tr(e_+^{-1}x^t e_+ y)$".

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 "$\in \mathscr{L}$" read "$\subset \mathscr{L}$".

Line 15: For "b'" read "b'_2".

Lines 16–18: The sentence "If $0 < r \leqslant n$, . . . 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 $r \leqslant p$, put $u = e_1 \ldots e_r + e_1 \ldots e_{r-1}e_{p+1}$.)"

Line 5 ff: For "$\mathscr{P}(L, a, 1, 0)$" read "$\mathscr{P}(L, a, 0, 1)$".

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 "$g_2 \in C^{\pm}$ such that $g'_2 g_2 = 1$, $g_2 V g_2^{-1} = V$".

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 $\psi = \text{id.}$" and put the following

Received May 23, 1967.

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

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 $v \in C^\pm$ 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 $\mathscr{L}$ by the set $\mathscr{L}'$ of all linear mappings Φ 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.