

**CORRECTION: A DIMENSION FORMULA FOR A CERTAIN
SPACE OF AUTOMORPHIC FORMS OF $SU(p, 1)$, II:
THE CASE OF $\Gamma(N)$ WITH $N \geq 3$**

(Tôhoku Math. J. 37 (1985), 571-584)

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The following modifications are necessary.

Page 575, line 15: Delete " $d^{(p-1)/2}$ ".

Page 580, line 1: Delete " $d^{(p-1)/2}$ " at every occurrence.

Page 580, line 6: Replace each " $\sqrt{-d}$ " by " i ".

Page 580, line 8: Replace " $\sqrt{-d}$ " by " i ".

Page 580, line 13: Replace the right hand side by " $\{[0, y] \in N_{\mathbb{Q}};$
 $y \in \mathbb{Z}N(\nu)^{-1}N\sqrt{d}\}$ ".

Page 580, line 14: Replace " $l^{-1}N$ " by " $l^{-1}N\sqrt{d}$ ".

Page 580, line 16: The equality should be replaced by

$$\begin{aligned} \nu_N^{-p} \text{vol}(\Gamma(1)_k \backslash N) &= (l^{-1}N\sqrt{d})^{-p} \delta \int_{L_{H\bar{a}l}^{-1} \backslash \mathbb{C}^{p-1}} dx \int_{\mathbb{Z}l^{-1}\sqrt{d} \backslash \mathbb{R}} dy \\ &= \delta N^{-p} d^{(1-p)/2} \int_{L_H \backslash \mathbb{C}^{p-1}} dx \int_{\mathbb{Z} \backslash \mathbb{R}} dy, \end{aligned}$$

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