

**Correction to our paper :  
“Gentzen Method in Modal Calculi”**

(Volume 9, pp. 113–130)

By Masao OHNISHI and Kazuo MATSUMOTO

1. P. 116, line 20: Direction of the arrow should be from left to right, and the rule directly under the sequent which contains this arrow should be read as  $(\vee \rightarrow)$  instead of  $(\diamond \rightarrow)$ .
2. P. 117, line 2 of footnote: “R. C. Barcan [2] for S4” should be followed by “and S5.”
3. P. 119, line 4:  $\diamond \alpha$  instead of  $\alpha$ .
4. P. 119, line 15 to 26,

In case  $\mathfrak{M} = \diamond \alpha$ ,

$$\frac{\frac{\frac{\Gamma \rightarrow \Delta, \alpha \quad \Pi \rightarrow \Sigma}{\Gamma, \Pi^* \rightarrow \Delta^*, \alpha, \Sigma} (\diamond \alpha)}{\Gamma, \Pi^* \rightarrow \Delta^*, \Sigma, \diamond \alpha} \quad \Pi \rightarrow \Sigma}{\frac{\Gamma, \Pi^*, \Pi^* \rightarrow \Delta^*, \Sigma^*, \Sigma}{\Gamma, \Pi^* \rightarrow \Delta^*, \Sigma} (\diamond \alpha)}$$

in case  $\mathfrak{M} \neq \diamond \alpha$ ,

$$\frac{\frac{\frac{\frac{\Gamma \rightarrow \Delta, \alpha \quad \Pi \rightarrow \Sigma}{\Gamma, \Pi^* \rightarrow \Delta^*, \alpha^*, \Sigma} (\mathfrak{M})}{\Gamma, \Pi^* \rightarrow \Delta^*, \alpha, \Sigma}}{\Gamma, \Pi^* \rightarrow \Delta^*, \diamond \alpha, \Sigma} \quad \Pi \rightarrow \Sigma}{\frac{\Gamma, \Pi^*, \Pi^* \rightarrow \Delta^*, (\diamond \alpha)^*, \Sigma^*, \Sigma}{\Gamma, \Pi^* \rightarrow \Delta^*, (\diamond \alpha)^*, \Sigma} (\mathfrak{M})}$$

5. P. 121, line 20:  $\Box \Gamma$  instead of  $\Gamma$ .
6. P. 128, line 1 of footnote: [10] instead of [9].

