

Corrections of the Paper

“Definition of the Concept of Natural Numbers and its Existence Theorem. Solution of Hilbert’s Second Problem”

By Yoshifumi Ito,

Published in J. Math. Univ. Tokushima, **45**(2011), 1-7.

(1) p.3, ↓ 1.8~ 1.9.

(Er.) (I) For the addition by which two elements $m, n \in \mathbf{N}$ correspond to their **sum** $m + n$, the following (1)~(3) are satisfied :

(Cor.) (I) The **sum** $m + n$ is defined for every two elements $m, n \in \mathbf{N}$. Then, as for the addition, the following (1)~(3) are satisfied :

(2) p.3, ↓ 1.15~ 1.16.

(Er.) (II) For the multiplication by which two elements $m, n \in \mathbf{N}$ correspond to their **product** $m \cdot n = mn$, the following (1)~(3) are satisfied :

(Cor.) (II) The **product** $m \cdot n = mn$ is defined for every two elements $m, n \in \mathbf{N}$. Then, as for the multiplication, the following (1)~(3) are satisfied :

(Written on January 30, 2012)