

## NOTES AND ERRATA: VOLUME 1, 3, 4, 5

### VOLUME 1

F. R. MOULTON: *On a class of particular solutions* . . . .

P. 28, ll. 6 and 5 up. The numerical specifications are correct; the notice to the contrary (*Notes and errata*, vol. 3, p. 499) is in error.  
—F. R. M.

### VOLUME 3

E. V. HUNTINGTON: *A complete set of postulates* . . . .

P. 267, l. 16 up. *For* one and only one *read* at least one.

E. H. MOORE: *A definition of abstract groups*.

P. 490, ll. 5–13. The independence of the postulates of

$$(M'') = (1, 2, 3'', 3'_i, 3''_r, 4'_i)$$

is not established, for the reasoning of the paragraph, ll. 5–13, p. 490, is in error, viz., (l. 5) from  $(3_i, 3_r)$  does not follow  $(3'', 3'_i, 3''_r)$ , and (l. 12) the example for  $(3_r)$  in  $(M)$  does not suffice for  $(3''_r)$  in  $(M'')$ .

Now, in fact, in  $(M'')$  the postulate  $(3''_r)$  is redundant, and we have the interesting definition,

$$(\bar{M}'') : (1, 2, 3'', 3'_i, 4'_i).$$

In  $\bar{M}''$  the postulates are mutually independent, and the same thing remains true when we add to the postulates of  $\bar{M}''$  the postulate that the multiplication or composition of elements is commutative. For proof of the statements here made I refer to a note to appear in volume 6 of the *Transactions*.—E. H. M.

### VOLUME 4

L. E. DICKSON: *Definitions of a field by independent postulates*.

P. 19. As pointed out by Dr. E. V. HUNTINGTON, system  $\Sigma_8$  forms a field,  $8'$  being satisfied by  $u = -2$ . I find that the following system