

# ERRATA

Corrections to

## AUTOMORPHISMS DEFINABLE BY FORMULAS

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Professor M. Ziegler showed in [2] the existence of several errors in [1]. The corrected versions follow.

**THEOREM 1.** (Page 109) If  $\bar{\mu} < \omega$  and  $\mathfrak{A} \equiv \mathfrak{B}$  then  $\mathcal{H}(\mathfrak{A})$  is universally equivalent to  $\mathcal{H}(\mathfrak{B})$ .

**THEOREM 2.** (Page 109) If  $\bar{\mu} < \omega$  and  $\mathfrak{A}$  is elementarily embeddable in  $\mathfrak{B}$  then  $\mathcal{H}(\mathfrak{A})$  is universally embeddable in  $\mathcal{H}(\mathfrak{B})$ .

Omit the sentence after Theorem 2.

In Example 3 (Page 110) the last phrase should be " $\mathcal{H}(\mathfrak{C})$  is universally equivalent to  $(\mathcal{M})$ ". Similarly in Example 4 (Page 110) the last phrase should be " $\mathcal{H}(\mathfrak{B}_p)$  is universally equivalent to  $\mathcal{C}$ ".

Statement (2) (Page 112) should be

(2)  $\bar{\mu} < \alpha$  and  $\mathfrak{A} \equiv_{\alpha\alpha} \mathfrak{B}$  then  $\mathcal{H}_{\alpha\alpha}(\mathfrak{A})$  is universally

$\alpha\alpha$ -equivalent to  $\mathcal{H}_{\alpha\alpha}(\mathfrak{B})$ .

The conclusions of the results stated in the paper may be obtained under stronger hypotheses. For example:

If  $\bar{\mu} < \omega$  and  $A \equiv_{\omega_1\omega} B$  then  $\mathcal{H}(\mathfrak{A}) \equiv \mathcal{H}(\mathfrak{B})$ .

## REFERENCES

1. J. Grant, *Automorphisms definable by formulas*, this Journal **44** (1973), 107-115.
2. M. Ziegler, *A counterexample in the theory of definable automorphisms*, to appear in this Journal.