

CORRECTIONS TO MY PAPER
"A RECONSTRUCTION OF FORMAL LOGIC"

GEORGE GOE

There are two erroneous statements in my paper "A Reconstruction of Formal Logic" (*Notre Dame Journal of Formal Logic*, v. VII (1966), pp. 129-157), which I wish hereby to correct.

On page 130, I said that "a method for dispensing, in logic, with the use of free variables in the lines of derivations was proposed by Fitch [5] and adopted, in substance, by Quine in [12]." I have since learned that Quine's credit to Fitch on page 89 of [12] was not for banning open theorems but for the form of his axiom schemata in other respects, and that Fitch had not anticipated Quine in banning open theorems.

My second correction concerns my statement on page 136 of my paper that "the closures of formulas $(\alpha)(\beta)\varphi \supset (\beta)(\alpha)\varphi$ are proved as theorems [in [12]] by a stratagem discovered by Berry [2], which makes use of vacuous quantifications," and that "the procedure is somewhat artificial." I wrote those words under a misapprehension concerning the strategy of Berry's proof adopted by Quine, which I mistakenly believed to make an artificial, objectionable use of vacuous quantification. The Berry-Quine strategy for proving the formulas in question is not any more artificial than the one I suggest on page 136 of my paper for a modified version of Quine's system in which vacuous quantification is still present, and can also be adapted to systems without vacuous quantification.