

THE REQUIRED CORRECTION TO COPPI'S
STATEMENT OF UG

John G. SLATER

In "Minding One's X's and Y's" (September, 1965) Hughes Leblanc says that he is offering a "correction to I. M. Copi's *Symbolic Logic*, second edition," but then all he gives is an example to show that Copi's formulation of UG is invalid.

His example, in shortened form, is :

1. (x) Vxm
2. Vxm 1, UI
3. (y) Vyy 2, UG

And he is right in saying that Copi's formulation of UG permits this inference. But he does not reformulate the rule to exclude this class of arguments from the class of valid arguments.

To rule out this class of invalid arguments UG in Copi's system has to read :

4. *Universal Generalization*

$$\text{UG: } \frac{\Phi\mu}{***(v)\Phi v}$$

provided that μ is a variable occurring free in $\Phi\mu$ at all and only those places where v occurs free in Φv , and that $\Phi\mu$ contains no free variable introduced by EI, and that μ is a variable which does not occur free in any assumption within whose scope $\Phi\mu$ lies.

The "all and only" requirement renders the use of UG in line 3 above invalid.

University of Toronto

John G. SLATER