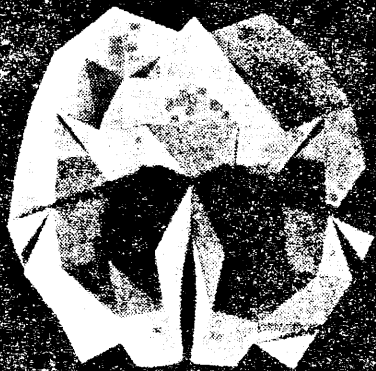


Attention: Leer belanpryk *Amman* 4431

PHILOSOPHY:



Paradox and Discovery

by **ARTHUR J. MINTON**
University of Missouri, Kansas City

GOTTIEB, Dale. Ontological Reduction. *J. Phil.* 73:57-76. 12 F 76.
In this paper I argue that: (1) The Lowenheim-Skolem theorem poses no problem for ontological reduction; (2) No extensional criterion for ontological reduction can be correct; (3) In particular, the notion that any "progressive" can be used in place of the natural numbers errs by abstracting from our way of referring to the elements of the progression; (4) The relations of epistemic support—deductive, inductive, explanatory, confirmatory, etc—must not be too disturbed by reduction; and (5) Harman's neo-Pythagorean reduction of everything to sets violates (4) and so will not work.

The J. of Philosophy N.Y.

Key words: Kosmologia (Pythagorean)

W 2 251



COLLEGE DIVISION
McGRAW-HILL BOOK COMPANY
1221 Avenue of the Americas
New York, New York 10020

5120 Pdx
GOTTIEB, D
1976

THE JOURNAL OF PHILOSOPHY

VOLUME LXXIII, NUMBER 3
FEBRUARY 12, 1976

page

57 *Ontological Reduction*

Dale Gottlieb

77 NOTES AND NEWS

Published fortnightly by The Journal of Philosophy, Inc.

~~D-120~~

Gottlieb, Dale

Ontological Reduction

In: The Journal of Philosophy,
LXXIII - 1976 - p. 57 - 76

5120 paf
GOTTLIEB, D.
1976

D₁₂₀ Gottlieb D.

Philos

GOTTLIEB, Dale. Ontological Reduction. *J Phil* 73,57-76 12 F 76.

In this paper I argue that: (1) The Lowenheim-Skolem theorem poses no problem for ontological reduction; (2) No extensional criterion for ontological reduction can be correct; (3) In particular, the notion that any "progressive" can be used in place of the natural numbers errs by abstracting from our way of referring to the elements of the progressions; (4) The relations of epistemic support—deductive, inductive, explanatory, confirmatory, etc.—must not be too disturbed by reduction; and (5) Harman's neo-Pythagorean reduction of everything to sets violates (4) and so will not work.

The J. of Philosophy N.Y.

10 2 251