

CONTENTS

	<i>Page</i>
Foreword by Prof. J. Ślupecki*	vii
✓ Creative Elements in Science*	1
Logical Foundations of Probability Theory*	16
✓ On the Concept of Magnitude*	64
✓ Farewell Lecture by Professor Jan Łukasiewicz, delivered in the Warsaw University Lecture Hall on March 7, 1918* . . .	84
On Three-Valued Logic*	87
Two-Valued Logic*	89
✓ On Determinism	110
A Numerical Interpretation of the Theory of Propositions*	129
Investigations Into the Sentential Calculus	131
Philosophical Remarks on Many-Valued Systems of Propositional Logic	153
Comments on Nicod's Axiom and on "Generalizing Deduction"*	179
On the History of the Logic of Propositions	197
✓ Logistic and Philosophy*	218
✓ In Defence of Logistic*	236
The Equivalential Calculus	250
Logic and the Problem of the Foundations of Mathematics*	278
The Shortest Axiom of the Implicational Calculus of Propositions tions	295
On the System of Axioms of the Implicational Propositional Calculus*	306
On Variable Functors of Propositional Arguments	311

* Translated from the Polish by O. Wojtasiewicz.

	<i>Page</i>
On the Intuitionistic Theory of Deduction	325
Formalization of Mathematical Theories*	341
A System of Modal Logic	352
Arithmetic and Modal Logic	391
List of Publications by Jan Łukasiewicz	401

* Translated from the Polish by O. Wojtasiewicz.