



Contents of Volume 20

No. 1–2

JACEK MALINOWSKI and RAFAŁ PALCZEWSKI: Logic in Cognitive Science	3
ALISON PEASE and ANDREW ABERDEIN: Five Theories of Reasoning: Interconnections and Applications to Mathematics	7
ROBERT TRYPUZ and PIOTR KULICKI: A Norm-Giver Meets Deontic Action Logic	59
ANDRZEJ WIŚNIEWSKI: Propositions, Possible Worlds, and Recursion	73
GERARD ALLWEIN, YINGRUI YANG and WILLIAM L. HARRISON: Qualitative Decision Theory via Channel Theory	81
VICTOR K. FINN and MARIA A. MIKHEYENKOVA: Plausible Reasoning for the Problems of Cognitive Sociology	111
PAWEŁ ŁUPKOWSKI: A Formal Approach to Exploring the Interrogator's Perspective in the Turing Test	139
JIŘÍ RACLAVSKÝ and PETR KUCHYŇKA: Conceptual and Derivation Systems	159
MARIUSZ URBAŃSKI: Logic and Cognition: Two Faces of Psychologism	175

No. 3

ANDRZEJ INDRZEJCZAK: Admissibility of Cut in Congruent Modal Logics	189
JOSEF WOLFGANG DEGEN: Socrates Did It Before Gödel	205
MARCIN TKACZYK: On Axiomatization of Łukasiewicz's Four-Valued Modal Logic	215
ROBERT SOCHACKI: Refutation Systems for a System of Nonsense-Logic	233
GEMMA ROBLES and JOSÉ M. MÉNDEZ: A Class of Simpler Logical Matrices for the Variable-Sharing Property	241
HSING-CHIEN TSAI: More on the Decidability of Mereological Theories	251
BOOK REVIEWS	267

No. 4

HARTLEY SLATER: Back to Aristotle!	275
SZYMON FRANKOWSKI: Syntactic Properties of P-Consequence	285
THOMAS STUDER: Justification Logic, Inference Tracking, and Data Privacy	297
KORDULA ŚWIĘTORZECKA: Some Remarks on Formal Description of God's Omnipotence	307
MARZENNA CYZMAN: "Lying, poets tell the truth ...". <i>The Logical Status of Fictional Discourse</i> by John Searle — a Still Possible Solution to an Old Problem?	317
DAVIDE BONDONI: Structural Features in Ernst Schröder's Work. Part I	327