# Contents

An Engineer in Philosopher’s Clothing. ............................... xvii
J. Michael Dunn

J. Michael Dunn’s Publications ............................................ xxxv

Introduction: From Information at Large to Semantics of Logics. 1
Katalin Bimbó

RM and its Nice Properties .............................................. 15
Amon Avron

Wedge Sum, Merge and Inconsistency ................................. 45
Chris Mortensen

Dolph Ulrich

LC and Its Pretabular Relatives ....................................... 81
Larisa Maksimova

The Story of $\gamma$. ...................................................... 93
Alasdair Urquhart

Manipulating Sources of Information: Towards an Interpretation of Linear Logic and Strong Relevance Logic .......... 107
Edwin Mares

Epistemic Relevance and Epistemic Actions .......................... 133
Sebastian Sequoiah-Grayson

Comparing Contents with Information ............................... 147
Ross T. Brady
On Split Negation, Strong Negation, Information, Falsification, and Verification ................................. 161
Heinrich Wansing

Truth, Falsehood, Information and Beyond: The American Plan Generalized ................................. 191
Yaroslav Shramko

Logical Foundations of Evidential Reasoning with Contradictory Information ................................. 213
Chunlai Zhou

Probabilistic Interpretations of Predicates ................................. 247
Janusz Czelakowski

Reasoning with Incomplete Information in Generalized Galois Logics Without Distribution: The Case of Negation and Modal Operators ................................. 279
Chryssafis Hartonas

Mereocompactness and Duality for Mereotopological Spaces ................................. 313
Robert Goldblatt and Matt Grice

Distributed Modal Logic ................................. 331
Gerard Allwein and William L. Harrison

Tracking Information ................................. 363
Johan van Benthem

Syllogistic Logic with Cardinality Comparisons ................................. 391
Lawrence S. Moss

A “Reply” to My “Critics” ................................. 417
J. Michael Dunn

Index ................................. 435
J. Michael Dunn on Information Based Logics
Bimbó, K. (Ed.)
2016, XLIII, 436 p. 21 illus., Hardcover
ISBN: 978-3-319-29298-4