

Contents

Advances in Proof-Theoretic Semantics: Introduction	1
Thomas Piecha and Peter Schroeder-Heister	
On the Relation Between Heyting’s and Gentzen’s Approaches to Meaning	5
Dag Prawitz	
Kreisel’s Theory of Constructions, the Kreisel-Goodman Paradox, and the Second Clause	27
Walter Dean and Hidenori Kurokawa	
On the Paths of Categories	65
Kosta Došen	
Some Remarks on Proof-Theoretic Semantics	79
Roy Dyckhoff	
Categorical Harmony and Paradoxes in Proof-Theoretic Semantics	95
Yoshihiro Maruyama	
The Paradox of Knowability from an Intuitionistic Standpoint	115
Gabriele Usberti	
Explicit Composition and Its Application in Proofs of Normalization	139
Jan von Plato	
Towards a Proof-Theoretic Semantics of Equalities	153
Reinhard Kahle	
On the Proof-Theoretic Foundations of Set Theory	161
Lars Hallnäs	
A Strongly Differing Opinion on Proof-Theoretic Semantics?	173
Wilfrid Hodges	

Comments on an Opinion 189
Kosta Došen

On Dummett’s “Proof-Theoretic Justifications of Logical Laws” 195
Warren Goldfarb

Self-contradictory Reasoning 211
Jan Ekman

Completeness in Proof-Theoretic Semantics 231
Thomas Piecha

Open Problems in Proof-Theoretic Semantics 253
Peter Schroeder-Heister