

# Contents

---

A Historical Introduction to Substructural Logics K. Došen	1
Life in the Undistributed Middle N. Belnap	31
Theorems in Classical Logic are Instances of Theorems in Condensed BCI Logic M. W. Bunder	43
Partial Gaggles Applied to Logics with Restricted Structural Rules J. M. Dunn	63
A General Theory of Structured Consequence Relations D. M. Gabbay	109
Decidability and Interpolation for a First-Order Relevance Logic A. Kron	153
Logic without Structural Rules (Another Look at Cut Elimination) J. Lambek	179
From Categorical Grammar to Bilinear Logic J. Lambek	207
The Semantics of Entailment 0 R. K. Meyer and E. D. Mares	239
Semantics for Substructural Logics H. Ono	259
The Semantics of Pretopologies G. Sambin	293

Lambda-Terms with Functional Symbols and Decidability in Certain Closed Categories S. V. Soloviev	309
Tutorial on Linear Logic A. S. Troelstra	327
The Landscape of Deduction J. van Benthem	357
Index	377