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Nota di contenuto	Intro -- Preface -- Contents -- List of Contributors -- Introduction -- I. A brief biography -- II. Academic Work -- III. The papers in this volume -- References -- Lambek's Syntactic Calculus and Noncommutative Variants of Linear Logic: Laws and Proof-Nets -- 1 Formulations of Lambek's Syntactic Calculus in the framework of noncommutative variants of Linear Logic -- 1.1 Formulation of LC in the multiplicative fragment of Noncommutative Intuitionistic Linear Logic -- 1.2 Formulation of LC in the multiplicative fragments of Noncommutative Classical Linear Logic and Cyclic Linear Logic -- 2 Proof-Nets for Lambek's Syntactic Calculus -- 2.1 Cyclic multiplicative proof-nets -- 2.2 Proof-nets for LC -- 3 Geometrical formulation of laws of LC through Proof-Nets for LC -- 3.1 Geometrical representation of Monotonicity laws -- 3.2 Geometrical Representation of Application Laws, Expansion Laws and Type-raising Laws -- 3.3 Geometrical representation of Composition Laws, Geach Laws and Switching Laws -- 4 New laws emerged from proof-nets for LC and their linguistic applications -- 4.1 Laws of Composition -- 4.2 Laws related to Geach rules -- 4.3 Switching laws -- 5 Conclusions -- References -- Sheaf Representations and Duality in Logic -- Preface -- 1 Gelfand duality -- 2 Grothendieck duality for commutative rings -- 3 Lambek-Moerdijk sheaf representation for toposes -- 3.1 Lambek's modified sheaf representation for toposes -- 4 Local sheaf representation for toposes

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