

1. Record Nr.	UNINA9910420923703321
Titolo	Structures Mères: Semantics, Mathematics, and Cognitive Science // edited by Alberto Peruzzi, Silvano Zipoli Caiani
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	9783030518219 3030518213
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XI, 185 p. 18 illus., 8 illus. in color.)
Collana	Studies in Applied Philosophy, Epistemology and Rational Ethics, , 2192-6263 ; ; 57
Disciplina	510.1
Soggetti	Logic Semiotics Cognitive psychology Proof theory Cognitive Psychology Proof Theory and Constructive Mathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1: Reflections on Bourbaki's Notion of "Structure" and Categories -- Chapter 2: Bourbaki and Foundations -- Chapter 3: Forms of Structuralism: Bourbaki and the Philosophers -- Chapter 4: Ladders of sets and isomorphisms The shortcomings of Bourbaki's notion of "structure" -- Chapter 5: The difficulty of neutrality A graph-theoretical solution -- Chapter 6: The wrapped dimension of Bourbaki's structures mères.
Sommario/riassunto	This book reports on cutting-edge concepts related to Bourbaki's notion of structures mères. It merges perspectives from logic, philosophy, linguistics and cognitive science, suggesting how they can be combined with Bourbaki's mathematical structuralism in order to solve foundational, ontological and epistemological problems using a novel category-theoretic approach. By offering a comprehensive account of Bourbaki's structuralism and answers to several important questions that have arisen in connection with it, the book provides

readers with a unique source of information and inspiration for future research on this topic.
