

1. Record Nr.	UNISA996418270103316
Autore	Pietruszczak Andrzej
Titolo	Foundations of the Theory of Parthood [[electronic resource]] : A Study of Mereology // by Andrzej Pietruszczak
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-36533-6
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XXIII, 285 p. 729 illus., 4 illus. in color.)
Collana	Trends in Logic, Studia Logica Library, , 1572-6126 ; ; 54
Disciplina	111.82
Soggetti	Analysis (Philosophy) Logic Algebra Analytic Philosophy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Foreword -- Chapter I. Introduction -- Chapter II. "Existentially neutral" theories of parthood -- Chapter III. Theories of parthood with sum existence axioms -- Chapter IV. Theories of parthood without transitivity -- Appendix A. Logic and set theory -- Appendix B. Algebra.
Sommario/riassunto	This is the first book to systematically study the weak systems of mereology. In its chapters, the author critically analyzes and explains core topics related to mereology, such as parthood without antisymmetry, non-existence of the zero element, and Leniewski's notion of class and set. The book also delves into three theories of parthood: two concern the sum existence axioms, and the third contends with transitivity of parthood. This is the first systematic analysis of systems of mereology of its kind and is suitable for students, scholars, logicians, and mathematicians who wish to further their knowledge of mereology. Original polish publication "Podstawy teorii czci" by The Nicolaus Copernicus University Press.