1. Record Nr. UNINA9910300242903321

Autore	Czelakowski Janusz
Titolo	The equationally-defined commutator : a study in equational logic and algebra / / by Janusz Czelakowski
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Birkhäuser, , 2015
ISBN	3-319-21200-1
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (297 p.)
Disciplina	510
Soggetti	Group theory Commutative algebra Commutative rings Associative rings Rings (Algebra) Group Theory and Generalizations Commutative Rings and Algebras Associative Rings and Algebras
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Introduction -- Basic Properties of Quasivarieties -- Commutator Equations and the Equationally Defined Commutator -- Centralization Relations -- Additivity of the Equationally Defined Commutator -- Modularity and Related Topics -- Additivity of the Equationally Defined Commutator and Relatively Congruence-Distributive Dub quasivarieties -- More on Finitely Generated Quasivarieties -- Commutator Laws in Finitely Generated Quasivarieties -- Appendix 1: Algebraic Lattices -- Appendix 2: A Proof of Theorem 3.3.4 for Relatively Congruence-Modular Quasivarieties -- Appendix 3: Inferential Bases for Relatively Congruence-Modular Quasivarieties.
Sommario/riassunto	This monograph introduces and explores the notions of a commutator equation and the equationally-defined commutator from the perspective of abstract algebraic logic. An account of the commutator operation associated with equational deductive systems is presented, with an emphasis placed on logical aspects of the commutator for

	equational systems determined by quasivarieties of algebras. The author discusses the general properties of the equationally-defined commutator, various centralization relations for relative congruences, the additivity and correspondence properties of the equationally-defined commutator, and its behavior in finitely generated quasivarieties. Presenting new and original research not yet considered in the mathematical literature, The Equationally-Defined Commutator will be of interest to professional algebraists and logicians, as well as graduate students and other researchers interested in problems of modern algebraic logic.

2.

Record Nr.	UNINA9910865294803321
Autore	Kaluri Rajesh
Titolo	Applied Assistive Technologies and Informatics for Students with Disabilities / / edited by Rajesh Kaluri, Mufti Mahmud, Thippa Reddy Gadekallu, Dharmendra Singh Rajput, Kuruva Lakshmanna
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	9789819709144 9819709148
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (316 pages)
Collana	Applied Intelligence and Informatics, , 2731-9261
Altri autori (Persone)	MahmudMufti GadekalluThippa Reddy RajputDharmendra Singh LakshmannaKuruva
Disciplina	371.9
Soggetti	Social sciences - Data processing Computer science Education, Higher Application software Computer Application in Social and Behavioral Sciences Computer Science Higher Education Computer and Information Systems Applications Educació superior Alumnes amb discapacitat Programari d'aplicació Llibres electrònics

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1 Blockchain for handling the data in Higher Education -- Chapter 2 Reshaping the Future of Learning Disabilities in Higher Education with AI -- Chapter 3 Virtual Environment Role in Higher Education Students Learning Enhancement with Intellectual Disabilities -- Chapter 4 AI Wizards: Pioneering Assistive Technologies for Higher Education Inclusion of Students with Learning Disabilities -- Chapter 5 The Impact of Virtual Reality and Augmented Reality in Inclusive Educatio -- Chapter 6 Exploring Assistive Technology for Students with Disabilities in Higher Education -- Chapter 7 Sign Language Recognition based Machine Learning Model for Hearing Disabilities Person -- Chapter 8 Assistive Technologies in Higher Education for Special Education -- Chapter 9 Deep Learning Approach for Detection of Learning Disabilities in Higher Education -- Chapter 10 A Computer Vision Approach: Enhancing Visual Data for Students with Learning Disabilities in Higher Education -- Chapter 11 Inclusive Virtual Reality Learning Environment -- Chapter 12 Deep Learning-Based Automatic Speech and Emotion Recognition for Students with Disabilities: A review -- Chapter 13 Metaverse of Learning Disabilities in Higher Educational Institutions -- Chapter 14 Technologies to assist students with specific learning disabilities in higher education: Concepts, Challenges, and Future Directions -- Chapter 15 Empowering Inclusive Education: Leveraging AI-ML and Innovative Tech Stacks to Support Students with Learning Disabilities in Higher Education -- Chapter 16 Systematic Review of Recent Trends of Industry 5.0 with Assistive Technologies in Higher Education and Smart Healthcare -- Chapter 17 Diagnostic Criteria for Schizophrenia: A Systematic Review.
Sommario/riassunto	The book “Applied Assistive Technologies and Informatics for Students with Disabilities” provides a comprehensive guide to assist students with learning disabilities in higher education via modern assistive technologies and informatics. This book will take us on a tour of the various modern assistive technologies, such as artificial intelligence (AI), blockchain, computer vision (CV), text analytics (TA), the metaverse, human-computer interaction (HCI), digital twins (DT), and federated learning (FL), and how they support higher education students with learning disabilities. This book is intended for students with learning disabilities, scientists and researchers, lecturers and teachers, academic and corporate libraries, practitioners, and professionals who are interested in providing inclusive education to students with learning disabilities through the application of modern assistive technologies and informatics. This book is ideal for readers who are new to the subject and knowledgeable about the principles of inclusive education. In addition, it is a fantastic resource for teachers and parents assisting students with learning disabilities. This book can be a powerful tool to educate more students about learning disabilities, which can help eradicate the bullying of these students.