

1. Record Nr.	UNINA9910729791503321
Titolo	Collection development in theological libraries : abiding principles and emerging practices // Carisse Mickey Berryhill, editor
Pubbl/distr/stampa	Chicago, Illinois : , : Atla Open Press, , 2022
Descrizione fisica	1 online resource (141 pages)
Disciplina	025.21
Soggetti	Collection development (Libraries) Collection management (Libraries)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Foreword / Matina Curic, Carisse Mickey Berryhill -- Creating a useful, accessible, and connected theological library / Jeremy Wallace -- Care and tending of the garden : the collection management policy as gardening manual / Leslie Engelson -- Collection development policies for theological libraries in the digital era / Ward De Pril -- Constructing the narrative : best practices in resource selection for building diverse, equitable, and inclusive theological collections / Marta Samokishyn -- Diversity, equity, inclusion, and anti-racism in collection development / Anita Coleman -- Beginning the theological library / Elizabeth Leahy -- Collection assessment is for everyone! / Tammy Johnson -- Reference sources for small seminaries : prospects and challenges / Yesan Sellan -- Developing future-proof library collections : the case of International Baptist Theological Study Centre / Pieter van Wingerden -- Developing special collections & archives at General Theological Seminary post-pandemic / Melissa Chim -- Collaborative collection development : opportunities and challenges / Kerrie Burn.
Sommario/riassunto	The Theological Librarian's Handbook is a multi-volume guide to the practice of theological librarianship. It is intended for use by library staff at theological and religious studies libraries who do not possess professional training in the field of library and information science. This handbook offers perspectives and advice from leading experts in the field and best practices from theological libraries all over the world. This volume introduces the reader to collection development in

theological libraries and answers these basic questions: How does one understand one's community in order to serve its information needs? What are the principles of decision-making about resources? How are these expressed in a useful policy document? How does commitment to diversity, equality, inclusion, and antiracism shape local collection practice? How can collaborative strategies be used to provide access to reference collections, special collections, and electronic collections?.

2. Record Nr.	UNINA9910484142003321
Autore	Bayro Corrochano Eduardo
Titolo	Geometric Algebra Applications Vol. II : Robot Modelling and Control // by Eduardo Bayro-Corrochano
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-34978-0
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (xxix, 600 pages) : illustrations
Disciplina	516.35
Soggetti	Geometry, Algebraic Computational intelligence Automatic control Robotics Automation Artificial intelligence Dynamics Nonlinear theories Algebraic Geometry Computational Intelligence Control, Robotics, Automation Artificial Intelligence Applied Dynamical Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Nota di contenuto

Geometric Algebra for Modeling in Robotic Physics -- Introduction to Geometric Algebra -- Lie Algebras, Lie Groups and Algebra of Incidence -- 2D, 3D and 4D Geometric Algebras -- Kinematics of the 2D and 3D Spaces -- Conformal Geometric Algebra -- Programming Issues -- Rigid Motion Interpolation -- Robot Kinematics -- Robot Dynamics -- Control of Robot Manipulators -- Robot Neurocontrol -- Robot Control and Tracking -- Rigid Motion Estimation Using Line Observations -- Tracker Endoscope Calibration and Body-Sensors Calibration -- Tracking, Grasping and Object Manipulation -- 3D Maps, Navigation and Relocalization -- Quadrotor -- Modeling and Registration of Medical Data -- Geometric Computing for Minimal Invasive Surgery.

Sommario/riassunto

The goal of Geometric Algebra Applications Vol. II: Robot Modeling and Control is to present a unified mathematical treatment of diverse problems in the general domain of robotics and associated fields using Clifford, or geometric algebra. By treating a wide spectrum of problems in a common language, this Volume II offers both new insights and new solutions that should be useful to scientists, and engineers working in different areas related with robotics. Topics and features -Introduces a no specialists to Clifford, or geometric, algebra and by examples encourages the reader to learn to compute using geometric entities and geometric formulations. -A study in depth for applications of Lie group theory, Lie algebra, spinors and versors and the algebra of incidence using the universal geometric algebra generated by reciprocal null cones. -Includes a thorough study of kinematics, differential kinematics and dynamics using geometric algebra. The Euler Lagrange and Hamiltonians equations for dynamics are developed using conformal geometric algebra and the recursive Newton-Euler using screw theory in the motor algebra framework. A thorough study of robot modeling and nonlinear controllers. -Thorough discussion of several applications in computer vision, graphics, neurocomputing, quantum computing, robotics and control engineering using the geometric algebra framework. -209 exercises and hints for the development of future computer software packages for extensive calculations in geometric algebra. A entire section is dedicated to explain how one should write the subroutines in C++, Matlab and Maple to carry out efficient geometric computations in the geometric algebra framework. Furthermore it is shown how program code can be optimized for real time computations. -The book is an essential resource for applied physicists, computer scientists, AI researchers, roboticists and mechanical and electrical engineers, it clarifies and demonstrates the importance of geometric computing for building autonomous systems and push forward advances in cognitive systems research.
