1. Record Nr. UNINA9910456086803321

Titolo	Uninhabited air vehicles [[electronic resource]] : enabling science for military systems / / Committee on Materials, Structures, and Aeronautics for Advanced Uninhabited Air Vehicles, National Materials Advisory Board, Aeronautics and Space Engineering Board, Commission on Engineering and Technical Systems, National Research Council
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, 2000
ISBN	0-309-51593-9
Descrizione fisica	1 online resource (124 p.)
Collana	Publication NMAB ; ; 495 Compass series
Disciplina	623.7/469
Soggetti	Drone aircraft Reconnaissance aircraft Electronic books.
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 (p. 97-100).
Nota di contenuto	""Front Matter""; ""Preface""; ""Acknowledgments""; ""Contents""; ""Tables and Figures""; ""Executive Summary""; ""1 Introduction""; ""2 The Uninhabited Air Vehicle as a System""; ""3 Aerodynamics""; ""4 Airframe Materials and Structures""; ""5 Propulsion Technologies""; ""6 Power and Related Technologies""; ""7 Control Technologies""; ""8 Research on Vehicle Subsystems""; ""Acronyms""

2. Record Nr. UNINA9910484658703321

Autore	Fajardo William
Titolo	Skew PBW Extensions : Ring and Module-theoretic Properties, Matrix and Gröbner Methods, and Applications / / by William Fajardo, Claudia Gallego, Oswaldo Lezama, Armando Reyes, Héctor Suárez, Helbert Venegas
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-53378-6
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XV, 584 p.)
Collana	Algebra and Applications, , 2192-2950 ; ; 28
Disciplina	700
Soggetti	Associative rings Associative algebras Algebra, Homological Algorithms Associative Rings and Algebras Category Theory, Homological Algebra
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Preface -- I Ring and Module-Theoretic Properties of Skew PBW Extensions -- II Projective Modules Over Skew PBW Extensions -- III Matrix and Gröbner Methods for Skew PBW Extensions -- IV Applications: The Noncommutative AlgebraicGeometry of Skew PBW Extensions -- References.
Sommario/riassunto	This monograph is devoted to a new class of non-commutative rings, skew Poincaré–Birkhoff–Witt (PBW) extensions. Beginning with the basic definitions and ring-module theoretic/homological properties, it goes on to investigate finitely generated projective modules over skew PBW extensions from a matrix point of view. To make this theory constructive, the theory of Gröbner bases of left (right) ideals and modules for bijective skew PBW extensions is developed. For example, syzygies and the Ext and Tor modules over these rings are computed. Finally, applications to some key topics in the noncommutative algebraic geometry of quantum algebras are given, including an

investigation of semi-graded Koszul algebras and semi-graded Artin–Schelter regular algebras, and the noncommutative Zariski cancellation problem. The book is addressed to researchers in noncommutative algebra and algebraic geometry as well as to graduate students and advanced undergraduate students.