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Autore	Tian Jianjun Paul
Titolo	Evolution algebras and their applications / / Jianjun Paul Tian
Pubbl/distr/stampa	Berlin, Germany ; ; New York, New York : , : Springer, , [2008] ©2008
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Descrizione fisica	1 online resource (XI, 133 p.)
Collana	Lecture notes in mathematics ; ; 1921
Disciplina	512.554
Soggetti	Phytophthora infestans - Genetics Stochastic processes Nonassociative algebras Markov processes Genetic algebras Banach algebras Algebra
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references (pages [119]-121) and index.
Nota di contenuto	Motivations -- Evolution Algebras -- Evolution Algebras and Markov Chains -- Evolution Algebras and Non-Mendelian Genetics -- Further Results and Research Topics.
Sommario/riassunto	Behind genetics and Markov chains, there is an intrinsic algebraic structure. It is defined as a type of new algebra: as evolution algebra. This concept lies between algebras and dynamical systems. Algebraically, evolution algebras are non-associative Banach algebras; dynamically, they represent discrete dynamical systems. Evolution algebras have many connections with other mathematical fields including graph theory, group theory, stochastic processes, dynamical systems, knot theory, 3-manifolds, and the study of the Ihara-Selberg zeta function. In this volume the foundation of evolution algebra theory and applications in non-Mendelian genetics and Markov chains is developed, with pointers to some further research topics.

2. Record Nr.	UNINA9911020128603321
Autore	Chan Heng Choon (Oliver)
Titolo	Animal Abuse and Interpersonal Violence : A Psycho-Criminological Understanding
Pubbl/distr/stampa	Newark : , : John Wiley & Sons, Incorporated, , 2023 ©2024
ISBN	9781119894117 1119894115 9781119894124 1119894123 9781119894131 1119894131
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Descrizione fisica	1 online resource (270 pages)
Collana	Psycho-Criminology of Crime, Mental Health, and the Law Series
Altri autori (Persone)	WongRebecca W. Y
Disciplina	636.0832
Soggetti	Criminal psychology Forensic psychology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Cover -- Title Page -- Copyright Page -- Dedication Page -- Contents -- List of Figures -- List of Tables -- About the Editors -- About the Contributors -- Foreword -- Endorsements -- Chapter 1 Introduction: A Psycho-Criminological Understanding of Animal Abuse and Interpersonal Violence -- Introduction -- The Approach Adopted in this Book -- The Structure of the Book -- Advancing our Understanding of Animal Abuse and Interpersonal Violence from a Psycho-Criminological Approach -- References -- Part 1 Theory and Research -- Chapter 2 Animal Abuse: Beyond Companion Animals and Domestic Households -- Acknowledgments -- Animal Abuse and Suffering -- Animal Abuse in Mercy Release -- Poaching of Protected Species -- Conclusion -- References -- Chapter 3 The Animal Cruelty-Delinquency Relationship: Violence Graduation, Deviance Generalization, or Antecedent Lifestyle? -- Introduction -- Assessing the Animal Cruelty-Delinquency Relationship -- Cross-Sectional Correlations -- Prospective Associations -- Interpreting the Animal

Cruelty-Delinquency Relationship -- Violence Graduation Hypothesis
 -- Deviance Generalization Hypothesis -- Antecedent Lifestyle
 Hypothesis -- Recommendations for Future Research -- An
 International Perspective -- Conclusion -- References -- Chapter 4
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 and Human Violence -- Defining Animal Cruelty -- Link Studies Then
 and Now -- Motives and Methods -- Link Theories and Their Empirical
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 between Attitudes toward Animal Abuse/Interpersonal Relating and Age
 -- Correlations between Attitudes toward Animal Abuse
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 and Interpersonal Violence in Turkey -- Turkey-Specific Risk
 and Protective Factors -- Discussion -- Conclusion -- References --
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 and Motivations -- Bestiality and Mental Health -- Violence Risk
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Sommario/riassunto

This book, edited by Heng Choon (Oliver) Chan and Rebecca W. Y. Wong, explores the complex relationship between animal abuse and interpersonal violence through a psycho-criminological lens. It serves as a comprehensive examination of how animal cruelty correlates with human violence, offering insights into theories and research findings. The work is structured to enhance understanding of these issues globally, promoting interdisciplinary collaboration. It is intended for scholars, professionals, and students in the fields of criminology, sociology, psychology, and law, aiming to inform policy and practice in addressing violence and mental health.
