

1. Record Nr.	UNINA9910458341003321
Autore	Van Dooren Thom <1980->
Titolo	Flight ways : life and loss at the edge of extinction / / Thom van Dooren ; cover photo, Wayne Kryduba ; cover design, Mary Ann Smith
Pubbl/distr/stampa	New York : , : Columbia University Press, , 2014 ©2014
ISBN	0-231-53744-1
Descrizione fisica	1 online resource (x, 193 pages) : illustrations (black and white)
Collana	Critical perspectives on animals
Disciplina	598.138
Soggetti	Birds - Extinction Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Contents -- Acknowledgments -- Introduction: Telling Lively Stories at the Edge of Extinction -- One. Fledging Albatrosses: Flight Ways and Wasted Generations -- Two. Circling Vultures: Life and Death at the Dull Edge of Extinction -- Three. Urban Penguins: Stories for Lost Places -- Four. Breeding Cranes: The Violent-Care of Captive Life -- Five. Mourning Crows: Grief in a Shared World -- Epilogue: A Call for Stories -- Notes -- References -- Index
Sommario/riassunto	A leading figure in the emerging field of extinction studies, Thom van Dooren puts philosophy into conversation with the natural sciences and his ethnographic encounters to vivify the cultural and ethical significance of modern-day extinctions. Unlike other meditations on the subject, Flight Ways incorporates the particularities of real animals and their worlds, drawing philosophers, natural scientists, and general readers into the experience of living among and losing biodiversity. Each chapter of Flight Ways focuses on a different species or group of birds: North Pacific albatrosses, Indian vultures, an endangered colony of penguins in Australia, Hawaiian crows, and the iconic whooping cranes of North America. Written in eloquent and moving prose, the book takes stock of what is lost when a life form disappears from the world-the wide-ranging ramifications that ripple out to implicate a number of human and more-than-human others. Van Dooren intimately explores what life is like for those who must live on the edge

of extinction, balanced between life and oblivion, taking care of their young and grieving their dead. He bolsters his studies with real-life accounts from scientists and local communities at the forefront of these developments. No longer abstract entities with Latin names, these species become fully realized characters enmeshed in complex and precarious ways of life, sparking our sense of curiosity, concern, and accountability toward others in a rapidly changing world.

2. Record Nr.	UNINA9910299969203321
Autore	Taira Kazuaki
Titolo	Semigroups, Boundary Value Problems and Markov Processes // by Kazuaki Taira
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2014
ISBN	3-662-43696-5
Edizione	[2nd ed. 2014.]
Descrizione fisica	1 online resource (724 p.)
Collana	Springer Monographs in Mathematics, , 1439-7382
Disciplina	519.233
Soggetti	Functional analysis Harmonic analysis Differential equations, Partial Probabilities Functional Analysis Abstract Harmonic Analysis Partial Differential Equations Probability Theory and Stochastic Processes
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 index.
Nota di contenuto	1.Introduction and Main Results -- Part I Elements of Analysis -- 2. Elements of Probability Theory -- 3.Elements of Functional Analysis -- 4.Theory of Semigroups -- Part II Elements of Partial Differential Equations -- 5.Theory of Distributions -- 6.Sobolev and Besov Spaces -- 7.Theory of Pseudo-Differential Operators -- 8.Waldenfels Operators and Maximum Principles -- Part III Markov Processes,

Semigroups and Boundary Value problems -- 9. Markov Processes, Transition Functions and Feller Semigroups -- 10. Feller Semigroups and Elliptic Boundary Value Problems -- 11. Proof of Theorem 1.3 -- 12. Markov Processes Revisited -- 13. Concluding Remarks -- Appendix: Boundedness of Pseudo-Differential Operators -- References -- Index.

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## Sommario/riassunto

A careful and accessible exposition of functional analytic methods in stochastic analysis is provided in this book. It focuses on the interrelationship between three subjects in analysis: Markov processes, semi groups and elliptic boundary value problems. The author studies a general class of elliptic boundary value problems for second-order, Waldenfels integro-differential operators in partial differential equations and proves that this class of elliptic boundary value problems provides a general class of Feller semigroups in functional analysis. As an application, the author constructs a general class of Markov processes in probability in which a Markovian particle moves both by jumps and continuously in the state space until it 'dies' at the time when it reaches the set where the particle is definitely absorbed. Augmenting the 1st edition published in 2004, this edition includes four new chapters and eight re-worked and expanded chapters. It is amply illustrated and all chapters are rounded off with Notes and Comments where bibliographical references are primarily discussed. Thanks to the kind feedback from many readers, some errors in the first edition have been corrected. In order to keep the book up-to-date, new references have been added to the bibliography. Researchers and graduate students interested in PDEs, functional analysis and probability will find this volume useful.

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