

1. Record Nr.	UNINA9911089454003321
Autore	Yahner Richard H
Titolo	Eastern deciduous forest : ecology and wildlife conservation / / Richard H. Yahner
Pubbl/distr/stampa	Minneapolis, : University of Minnesota Press, c2000
ISBN	0-8166-9032-4
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (315 p.) 1 online resource
Collana	Wildlife habitats
Disciplina	577.3/0974 577.30974
Soggetti	Forest ecology - East (U.S.) Wildlife conservation - East (U.S.)
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	CONTENTS; PREFACE; ACKNOWLEDGEMENTS; 1. THE FOREST AND ITS WILDLIFE; 2. EARLY HISTORY OF THE FOREST; 3. ECOLOGICAL PROCESSES; 4. FOREST PLANT AND ANIMAL INTERACTIONS; 5. FOREST SUCCESSION AND MANAGEMENT; 6. FOREST FRAGMENTATION; 7. CORRIDORS AND EDGES IN RELATION TO FRAGMENTED FORESTS; 8. BIODIVERSITY AND CONSERVATION; 9. ATMOSPHERIC ENVIRONMENTAL CONCERNS; 10. FORESTS OF THE FUTURE: CHALLENGES AND OPPORTUNITIES; APPENDIX A. SCIENTIFIC NAMES OF ANIMALS AND PLANTS MENTIONED IN THE TEXT; APPENDIX B. GLOSSARY OF TERMS USED IN THE TEXT; REFERENCES; INDEX
Sommario/riassunto	"A readable introduction to ecology and wildlife conservation in the eastern deciduous forest."-The Prairie Naturalist. This new edition includes the most up-to-date information on the forest and its wildlife, with special attention given to contemporary conservation issues. The result is a timely and useful tool for anyone who wants to know or hopes to help one of North America's great natural resources.

2. Record Nr.	UNINA9911103805203321
Titolo	Advances in statistical control, algebraic systems theory, and dynamic systems characteristics : a tribute to Michael K. Sain / / edited by Chang-Hee Won, Cheryl B. Schrader, Anthony N. Michel
Pubbl/distr/stampa	Boston, Mass., : Birkhauser, 2008
ISBN	1-282-92436-2 9786612924361 0-8176-4795-3
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (367 p.)
Collana	Systems & control : foundations & applications
Altri autori (Persone)	WonChang-Hee SchraderCheryl B MichelAnthony N SainMichael K
Disciplina	515.642 519.2
Soggetti	Stochastic control theory Nonlinear control theory System analysis Differentiable dynamical systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Festschrift for Michael K. Sain.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. Statistical control -- pt. 2. Algebraic systems theory -- pt. 3. Dynamic systems characteristics -- pt. 4. Engineering education.
Sommario/riassunto	This volume—dedicated to Michael K. Sain on the occasion of his seventieth birthday—is a collection of chapters covering recent advances in stochastic optimal control theory and algebraic systems theory. Written by experts in their respective fields, the chapters are thematically organized into four parts: * Part I focuses on statistical control theory, where the cost function is viewed as a random variable and performance is shaped through cost cumulants. In this respect, statistical control generalizes linear-quadratic-Gaussian and H-infinity control. * Part II addresses algebraic systems theory, reviewing the use of algebraic systems over semirings, modules of zeros for linear

multivariable systems, and zeros in linear time-delay systems. * Part III discusses advances in dynamical systems characteristics. The chapters focus on the stability of a discontinuous dynamical system, approximate decentralized fixed modes, direct optimal adaptive control, and stability of nonlinear systems with limited information. * Part IV covers engineering education and includes a unique chapter on theology and engineering, one of Sain's latest research interests. The book will be a useful reference for researchers and graduate students in systems and control, algebraic systems theory, and applied mathematics. Requiring only knowledge of undergraduate-level control and systems theory, the work may be used as a supplementary textbook in a graduate course on optimal control or algebraic systems theory.
