

1. Record Nr.	UNINA9910146070403321
Autore	Spall James C.
Titolo	Introduction to stochastic search and optimization : estimation, simulation, and control // James C. Spall
Pubbl/distr/stampa	Hoboken, N.J. : , : Wiley-Interscience, , 2003
ISBN	1-280-25282-0 9786610252824 0-470-34845-3 0-471-44190-2 0-471-72213-8
Descrizione fisica	1 online resource (620 pages)
Collana	Wiley-Interscience series in discrete mathematics and optimization
Disciplina	519.23
Soggetti	Stochastic processes Search theory Mathematical optimization
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. 558-579) and index.
Nota di contenuto	1. Stochastic Search and Optimization: Motivation and Supporting Results -- 2. Direct Methods for Stochastic Search -- 3. Recursive Estimation for Linear Models -- 4. Stochastic Approximation for Nonlinear Root-Finding -- 5. Stochastic Gradient Form of Stochastic Approximation -- 6. Stochastic Approximation and the Finite-Difference Method -- 7. Simultaneous Perturbation Stochastic Approximation -- 8. Annealing-Type Algorithms -- 9. Evolutionary Computation I: Genetic Algorithms -- 10. Evolutionary Computation II: General Methods and Theory -- 11. Reinforcement Learning via Temporal Differences -- 12. Statistical Methods for Optimization in Discrete Problems -- 13. Model Selection and Statistical Information -- 14. Simulation-Based Optimization I: Regeneration, Common Random Numbers, and Selection Methods -- 15. Simulation-Based Optimization II: Stochastic Gradient and Sample Path Methods -- 16. Markov Chain Monte Carlo -- 17. Optimal Design for Experimental Inputs.
Sommario/riassunto	A unique interdisciplinary foundation for real-world problem solving Stochastic search and optimization techniques are used in a vast

number of areas, including aerospace, medicine, transportation, and finance, to name but a few. Whether the goal is refining the design of a missile or aircraft, determining the effectiveness of a new drug, developing the most efficient timing strategies for traffic signals, or making investment decisions in order to increase profits, stochastic algorithms can help researchers and practitioners devise optimal solutions to countless real-world problems. Introduction to Stochastic Search and Optimization: Estimation, Simulation, and Control is a graduate-level introduction to the principles, algorithms, and practical aspects of stochastic optimization, including applications drawn from engineering, statistics, and computer science. The treatment is both rigorous and broadly accessible, distinguishing this text from much of the current literature and providing students, researchers, and practitioners with a strong foundation for the often-daunting task of solving real-world problems. The text covers a broad range of today's most widely used stochastic algorithms, including: Random search Recursive linear estimation Stochastic approximation Simulated annealing Genetic and evolutionary methods Machine (reinforcement) learning Model selection Simulation-based optimization Markov chain Monte Carlo Optimal experimental design. The book includes over 130 examples, Web links to software and data sets, more than 250 exercises for the reader, and an extensive list of references. These features help make the text an invaluable resource for those interested in the theory or practice of stochastic search and optimization.

2. Record Nr.	UNINA9910786860603321
Autore	Mann Steven Thatcher
Titolo	Run, David, Run! : An Investigation of the Theological Speech Acts of David's Departure and Return (2 Samuel 14–20) // Steven T. Mann
Pubbl/distr/stampa	Winona Lake, Ind. : , : Eisenbrauns, , 2013 ©2013
ISBN	1-57506-695-5
Descrizione fisica	1 online resource (193 p.)
Collana	Siphrut : literature and theology of the Hebrew Scriptures ; ; 10
Disciplina	222/.4406
Soggetti	HISTORY / Ancient / General Criticism, interpretation, etc. 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 and indexes.
Nota di contenuto	Words from Ziba: Opponent of Mephibosheth (2 Sam 16:1a€?4)Words from Shimei: An Opponent of David (16:5a€?15) -- Words from Hushai: Opponent to Absalom (16:16a€?19) -- Words from a Storyteller -- 2 Samuel 16:20a€?17:24 -- Words for the Return of a King -- 2 Samuel 17:25a€?20:25 -- Davida€?s Departure and Return as Illocutionary and Perlocutionary Act -- Telling a Story that Portrays Davida€?s Faith: An Illocutionary Act -- Running with David: A Perlocutionary Act -- Select Bibliography -- Index of Authors -- Index of Scripture Recent Applications of SAT to Stories of King DavidAn Application of SAT to the Story of Davida€?s Departure and Return -- Theological Words from the Wise -- 2 Samuel 14:1a€?23 -- Theological Words from the Banished -- 2 Samuel 15:1a€?22 -- Words from Absalom: 2 Samuel 15:1a€?12 -- Words from Ittai the Gittite: 2 Samuel 15:13a€?22 -- Theological Words from a Banished King -- 2 Samuel 15:23a€?37 -- Words to Zadok: 2 Samuel 15:23a€?29 -- Words to Yhwh: 2 Samuel 15:30a€?37 -- Theological Words from Opponents -- 2 Samuel 16:1a€?19 Acknowledgements -- How to Do Things with Theological Words -- An Overview of Perspectives on the Function of 2 Samuel 14a€?20 -- To Record Historical Events -- To Answer the Question of the Succession to Davida€?s Throne -- To Serve a Political Agenda -- To Provide a Work of Art -- To Portray David -- To Teach -- A Proposal: To Portray

David's Faith in Yhwh -- Speech Act Theory and David's Departure and Return -- Speech Act Theory -- The Application of SAT to Narrative Discourse -- Storytelling as Speech Act

Sommario/riassunto

In this book, Steven Mann highlights the role of theology in the story of David's departure and return as told in 2 Samuel 14-20. Mann's method of narrative analysis employs a philosophy of language called speech act theory. His primary interest is ways in which speech act theory has been applied to biblical narrative, and he concentrates specifically on speech acts that include theological propositional content, that is, words used to denote God. In this way, Mann analyzes the theological speech acts of the narrative and then suggests a way to view the narrative itself as a speech act. The thesis of this study is that speech act theory illuminates the integral role of theology in the story of David's departure and return. Theology is not merely one aspect of the story but is in fact a catalyst necessary to the plot. Furthermore, the act of telling the story as 2 Sam 14-20 does is the very act of portraying David's faith in Yhwh. David's speech acts demonstrate that he believes that Yhwh is someone who intervenes and who finds ways to bring his banished ones back to him. The narrative portrayal of David's faith can be understood as an illocutionary act, with the potential effect of encouraging an audience, a perlocutionary act. In other words, Mann demonstrates that this story can inspire any readers who see this narrative as a story not only about David but about themselves.
