1.   **Record Nr.**   UNINA9910483413603321

    Autore   Seibel Benjamin

    Titolo   Cybernetic Government : Informationstechnologie und Regierungsrationalität von 1943-1970 / / von Benjamin Seibel

    Pubbl/distr/stampa   Wiesbaden : , : Springer Fachmedien Wiesbaden : , : Imprint : Springer VS, , 2016

    ISBN   3-658-12490-3

    Edizione   [1st ed. 2016.]

    Descrizione fisica   1 online resource (278 p.)

    Collana   Frankfurter Beiträge zur Soziologie und Sozialpsychologie, , 2626-2320

    Disciplina   100

    Soggetti   Technology—Philosophy
                                     Computers—History
                                       Knowledge, Sociology of
                                       Technology
                                       History
                                       Philosophy of Technology
                                       History of Computing
                                       Sociology of Knowledge and Discourse
                                       History of Technology

    Lingua di pubblicazione   Tedesco

    Formato   Materiale a stampa

    Livello bibliografico   Monografia

    Note generali   Description based upon print version of record.

    Nota di bibliografia   Includes bibliographical references.

    Nota di contenuto   Politische Technologien -- Kybernetik als Dispositiv -- Bedeutungslose Botschaften -- Entscheidungsprobleme -- Regeln und regeln lassen. .

    Sommario/riassunto   Entlang der drei kybernetischen Schlüsselbegriffe Kommunikation, Kalkulation und Kontrolle rekonstruiert Benjamin Seibels historische Studie die Genese eines politischen Regelungswissens, das in den militärischen Forschungslabors des Zweiten Weltkriegs seinen Ausgang nimmt und sich in den Aktualisierungen digitaler Technologien bis in unsere Gegenwart fortschreibt. Der Autor zeigt, dass in den Diskursen der Kybernetik Anfang der 1940er Jahre nicht nur jene eigentümlichen Apparaturen verhandelt werden, die heute Computer heißen, sondern mit ihnen auch ein Ensemble potentieller Regierungstechniken: In der kybernetischen Utopie soll die ganze Gesellschaft einem perfekten Informationssystem gleichen – und folglich auch durch solche Systeme regierbar werden. Der Inhalt Politische Technologien Kybernetik als

Dispositiv Bedeutungslose Botschaften Entscheidungsprobleme Regeln und regeln lassen Die Zielgruppen Dozierende und Studierende der Technikgeschichte, Medienwissenschaft, Philosophie und Politikwissenschaft Praktiker aus Politikberatung, Politik und Verwaltung <der autor Der Autor Dr. Benjamin Seibel ist wissenschaftlicher Mitarbeiter der Technologiestiftung Berlin. Studium der Angewandten Kulturwissenschaften in Lüneburg, Promotion in Darmstadt und Harvard. .

2.	Record Nr.	UNINA9910254929403321
	Autore	Luenberger David G
	Titolo	Linear and Nonlinear Programming / / by David G. Luenberger, Yinyu Ye
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
	ISBN	3-319-18842-9
	Edizione	[4th ed. 2016.]
	Descrizione fisica	1 online resource (XIII, 546 p. 90 illus.)
	Collana	International Series in Operations Research & Management Science, , 0884-8289 ; ; 228
	Disciplina	519.72
	Soggetti	Operations research
		Decision making
		Management science
		Mathematical models
		Engineering economy
		Operations Research/Decision Theory
		Operations Research, Management Science
		Mathematical Modeling and Industrial Mathematics
		Engineering Economics, Organization, Logistics, Marketing
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di contenuto	Introduction -- Part I Linear Programming -- Basic Properties of Linear Programs -- The Simplex Method -- Duality and Complementarity -- Interior-Point Methods -- Conic Linear Programming -- Part II

Unconstrained Problems -- Basic Properties of Solutions and Algorithms -- Basic Descent Methods -- Conjugate Direction Methods -- Quasi-Newton Methods -- Part III Constrained Minimization -- Constrained Minimization Conditions -- Primal Methods -- Penalty and Barrier Methods -- Duality and Dual Methods -- Primal-Dual Methods -- Appendix A: Mathematical Review -- Appendix B: Convex Sets -- Appendix C: Gaussian Elimination -- Appendix D: Basic Network Concepts.

Sommario/riassunto	This new edition covers the central concepts of practical optimization techniques, with an emphasis on methods that are both state-of-the-art and popular. Again a connection between the purely analytical character of an optimization problem and the behavior of algorithms used to solve the problem. As in the earlier editions, the material in this fourth edition is organized into three separate parts. Part I is a self-contained introduction to linear programming covering numerical algorithms and many of its important special applications. Part II, which is independent of Part I, covers the theory of unconstrained optimization, including both derivations of the appropriate optimality conditions and an introduction to basic algorithms. Part III extends the concepts developed in the second part to constrained optimization problems. It is possible to go directly into Parts II and III omitting Part I, and, in fact, the book has been used in this way in many universities. <new to="" this="" edition="" is="" a="" chapter="" devoted="" conic="" linear="" programming,="" powerful="" generalization="" of="" programming. ="" indeed,="" many="" structures="" are="" possible="" and="" useful="" in="" variety="" applications. ="" it="" must="" be="" recognized,="" however,="" that="" programming="" an="" advanced="" topic,="" requiring="" special="" study. ="" other="" important="" popular="" topics="" include="" (1)="" accelerated="" steepest="" descent="" method="" exhibits="" superior="" convergence="" properties="" (2)="" the="" alternating="" direction="" with="" multipliers="" (admm)="" can="" implemented="" distributionally. ="" proof="" property="" for="" both="" standard="" methods="" presented="" 8,="" analysis="" admm="" 14="" as="" dual="" method. ="" previous="" editions,="" end-of-chapter="" exercises="" appear="" most="" chapters. From the reviews of the Third Edition "….this very well-written book is a classic textbook in Optimization. It should be present in the bookcase of each student, researcher, and specialist from the host of disciplines from which practical optimization applications are drawn." (Jean-Jacques Strodiot, Zentralblatt MATH, Vol.1207, 2011).