1. Record Nr. UNINA9910791127403321

Autore	Protzen Jean-Pierre
Titolo	The universe of design : Horst Rittel's theories of design and planning / / Jean-Pierre Protzen and David J. Harris
Pubbl/distr/stampa	Oxon [England] ; ; New York, N.Y. : , : Routledge, , 2010
ISBN	1-136-97044-4 1-136-97045-2 1-282-62953-0 9786612629532 0-203-85158-7
Descrizione fisica	1 online resource (264 p.)
Altri autori (Persone)	HarrisDavid J. <1965->
Disciplina	620/.0042
Soggetti	Engineering design - Management Industrial design - Methodology Industrial engineering - Methodology System theory
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	Book Cover; Title; Copyright; Contents; Preface; Acknowledgments; Prologue; Part One: Foundations; Chapter 1.1 Reflections on the Scientific and Political Significance of Decision Theory; Chapter 1.2 Science and Design Seminars: Introduction: Out of the Cave; Chapter 1.3 Seminar 1: Modes of Innovation; Chapter 1.4 Seminar 2: Images and Messages; Chapter 1.5 Seminar 3: Communications; Chapter 1.6 Seminar 4: Establishing Order; Chapter 1.7 Seminar 5: Measuring Values and Images; Chapter 1.8 Seminar 6: Environments; Chapter 1.9 Seminar 7: Design Chapter 1.10 Seminar 8: Models of and for Design (Part 1)Chapter 1.11 Seminar 9: Models of and for Design (Part 2); Chapter 1.12 Seminar 10: Conclusion; Part Two: Wicked Problems; Chapter 2.1 On the Planning Crisis: Systems Analysis of the First and Second Generations; Part Three: Design Reasoning; Chapter 3.1 Structure and Usefulness of Planning Information Systems; Chapter 3.2 Issues as Elements of Information Systems; Chapter 3.3 The Reasoning of Designers; Part

	Four: Consequences of Design; Chapter 4.1 Technological Change and Urban Structure Chapter 4.2 On Rittel's Pathologies of PlanningEpilogue; References; Author Index; Subject Index
Sommario/riassunto	This book examines the theoretical foundations of the processes of planning and design. When people - alone or in groups - want to solve problems or improve their situation, they make plans. Horst Rittel studied this process of making plans and he developed theories - including his notion of ""wicked problems"" - that are used in many fields today. From product design, architecture and planning - where Rittel's work was originally developed - to governmental agencies, business schools and software design, Rittel's ideas are being used. This book collects previously unavailable work o

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Record Nr.	UNINA9910831048303321
Titolo	Doubly fed induction machine : modeling and control for wind energy generation applications / / by Gonzalo Abad ... [et al.]
Pubbl/distr/stampa	Oxford : , : Wiley-Blackwell, , 2011 [Piscataqay, New Jersey] : , : IEEE Xplore, , [2011]
ISBN	1-283-28275-5 9786613282750 1-118-10494-3
Descrizione fisica	1 online resource (641 p.)
Collana	IEEE Press series on power engineering ; ; 84
Classificazione	TEC031000
Altri autori (Persone)	AbadG <1976-> (Gonzalo)
Disciplina	621.31/6
Soggetti	Induction generators - Mathematical models Induction generators - Automatic control Wind turbines - Equipment and supplies
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.
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Sommario/riassunto

A practical, hands-on guide to capturing the potential of DFIM

technologyDoubly Fed Induction Machine (DFIM)-based wind turbines have proven to be a cost-effective, efficient, and reliable method for generating power. Readers interested in DFIM technology can turn to this text to discover not only the current state of the technology and future directions for research and development, but also learn the tools they need to devise their own innovations and solutions.Doubly Fed Induction Machine offers clear mathematical descriptions of basic dynamic DFIM models as well as a detailed steady-state analysis. The authors provide a more sophisticated model of a DFIM that takes into account grid disturbances such as voltage dips and balance disruptions.The second part of the book surveys DFIM control strategies. Readers will learn about standard solutions used by wind turbine manufacturers, new developments designed to improve the behavior of high-power wind turbines, as well as hardware-based solutions that address faulty grid scenarios. The book concludes with a forecast of the future of DFIMs.This book is an ideal, practical reference for engineers, researches, and students interested in fully learning the power generation capabilities of DFIM technology. This book helps readers grasp and apply complex concepts by using numerous aids throughout including:. Diagrams and graphs. Step-by-step calculations. Illustrations and photos of DFIM components and systems.