

1. Record Nr.	UNINA9910778418803321
Titolo	Real options in engineering design, operations, and management // edited by Harriet Black Nembhard, Mehmet Aktan
Pubbl/distr/stampa	Boca Raton : , : CRC Press, , 2010
ISBN	0-429-14181-5 1-282-31211-1 1-4200-7170-X 9786612312113
Descrizione fisica	1 online resource (258 p.)
Altri autori (Persone)	NembhardHarriet Black AktanMehmet
Disciplina	620 620.0042 620/.0042
Soggetti	Engineering design - Management Operations research Real options (Finance)
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	Front cover; Contents; Preface; Editors; Contributors; Chapter 1. Introduction; Chapter 2. Real Options in Practice; Chapter 3. Origins of Real Options in Engineering; Chapter 4. Real Options in Manufacturing Operations; Chapter 5. Real Options Valuation for Quality Improvement; Chapter 6. Real Options in Outsourcing; Chapter 7. Barriers to Real Options Adoption and Use in Architecture, Engineering, and Construction Project Management Practice; Chapter 8. Identifying Real Options to Improve the Design of Engineering Systems Chapter 9. Real Options in Underground Mining Systems Planning and DesignChapter 10. Real Options in Engineering Systems Design; Chapter 11. Real Options Model for Workforce Cross-Training; Chapter 12. Real Options Design for Sustainable Product Quality Management; Chapter 13. Real Options in Nanotechnology R&D; Chapter 14. Real Options-Based Analysis in Pharmaceutical Partnerships for Research and Development; Chapter 15. Hands-On Applications: Real Option

Sommario/riassunto

Given that engineering flexibility can potentially provide a competitive advantage, the question then becomes: Precisely how valuable is this flexibility? However, traditional methods often fail to accurately capture the economic value of investments in an environment of widespread uncertainty and rapid change. The real options method represents the new state-of-the-art technique for valuation and management of strategic investments, enabling corporate decision-makers to leverage uncertainty and limit downside risk. Real Options in Engineering Design, Operations, and M

---