

1. Record Nr.	UNINA9910557475603321
Autore	Green Gill
Titolo	Public Participation in Health Care: Exploring the Co-Production of Knowledge
Pubbl/distr/stampa	Frontiers Media SA, 2020
Descrizione fisica	1 online resource (157 p.)
Soggetti	Society & social sciences Sociology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This eBook is a collection of articles from a Frontiers Research Topic. Frontiers Research Topics are very popular trademarks of the Frontiers Journals Series: they are collections of at least ten articles, all centered on a particular subject. With their unique mix of varied contributions from Original Research to Review Articles, Frontiers Research Topics unify the most influential researchers, the latest key findings and historical advances in a hot research area! Find out more on how to host your own Frontiers Research Topic or contribute to one as an author by contacting the Frontiers Editorial Office: frontiersin.org/about/contact

2. Record Nr.	UNINA9910484358303321
Titolo	Applying Particle Swarm Optimization : New Solutions and Cases for Optimized Portfolios // edited by Burcu Adgüzel Mercangöz
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-70281-2
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (355 pages)
Collana	International Series in Operations Research & Management Science, , 2214-7934 ; ; 306
Disciplina	519.3
Soggetti	Operations research Management science Financial risk management Statistics Capital market Operations Research and Decision Theory Operations Research, Management Science Risk Management Statistics in Business, Management, Economics, Finance, Insurance Capital Markets
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part I: Applying Particle Swarm Optimization to Portfolio Optimization -- 1. Utility: Theories and Models -- 2. Portfolio Optimization -- 3. Behavioral Portfolio Theory -- 4. A Comparative Study on PSO with Other Metaheuristic Methods -- 5. Mathematical Model of Particle Swarm Optimization: Numerical Optimization Problems -- 6. Particle Swarm Optimization: The Foundation -- 7. The PSO Family: Application to the Portfolio Optimization Problem -- 8. A Constrained Portfolio Selection Model Solved by Particle Swarm Optimization Under Different Risk Measures -- 9. Optimal Portfolio Selection with Particle Swarm Algorithm: An Application on BIST-30 -- 10. Cardinality-Constrained Higher-Order Moment Portfolios Using Particle Swarm Optimization -- Part II: Different Applications of PSO -- 11. Different Applications of

PSO -- 12. Particle Swarm Optimization in Global Path Planning for Swarm of Robots -- 13. Training Multi-layer Perceptron Using Hybridization of Chaotic Gravitational Search Algorithm and Particle Swarm Optimization -- 14. Solving Optimization Problem with Particle Swarm Optimization: Solving Hybrid Flow Shop Scheduling Problem with Particle Swarm Optimization Algorithm -- 15. Constriction Coefficient-Based Particle Swarm Optimization and Gravitational Search Algorithm for Image Segmentation -- 16. An Overview of the Performance of PSO Algorithm in Renewable Energy Systems -- 17. Application of PSO in Distribution Power Systems: Operation and Planning Optimization.

Sommario/riassunto

This book explains the theoretical structure of particle swarm optimization (PSO) and focuses on the application of PSO to portfolio optimization problems. The general goal of portfolio optimization is to find a solution that provides the highest expected return at each level of portfolio risk. According to H. Markowitz's portfolio selection theory, as new assets are added to an investment portfolio, the total risk of the portfolio's decreases depending on the correlations of asset returns, while the expected return on the portfolio represents the weighted average of the expected returns for each asset. The book explains PSO in detail and demonstrates how to implement Markowitz's portfolio optimization approach using PSO. In addition, it expands on the Markowitz model and seeks to improve the solution-finding process with the aid of various algorithms. In short, the book provides researchers, teachers, engineers, managers and practitioners with many tools they need to apply the PSO technique to portfolio optimization.
