

1. Record Nr.	UNISA996466415403316
Autore	Schedel Anja
Titolo	Cost sharing, capacity investment and pricing in networks // Anja Schedel
Pubbl/distr/stampa	Wiesbaden, Germany : , : Springer Spektrum, , [2021] ©2021
ISBN	3-658-33170-4
Descrizione fisica	1 online resource (241 pages)
Collana	Mathematische Optimierung und Wirtschaftsmathematik
Disciplina	332.415
Soggetti	Pricing - Mathematical models Preus Models matemàtics Comptabilitat de costos Teoria de jocs Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Intro -- Acknowledgements -- Contents -- 1 Introduction -- [DELETE] -- 1.1 Cost Sharing in Networks -- 1.2 Capacity and Price Competition in Networks -- 1.3 Thesis Organization -- 2 Preliminaries -- [DELETE] -- 2.1 Graphs -- 2.2 Games -- 2.3 Correspondences -- 3 Cost Sharing in Networks -- 3.1 Introduction -- 3.1.1 Problem Description -- 3.1.2 Main Results and Proof Techniques -- 3.1.3 Discussion of the Model and Related Work -- 3.2 An LP-Characterization of Enforceability -- 3.3 Results for Two Player Games -- 3.3.1 Connection to Steiner forests -- 3.3.2 The Set of Bad Configurations and some Intuition -- 3.3.3 Proof Sketch of Theorem[theoremrobust]3.3.1 -- 3.3.4 ([Thm3.3.1.3]3) implies ([Thm3.3.1.1]1) of Theorem[theoremrobust]3.3.1 -- 3.3.5 ([Thm3.3.1.1]1) implies ([Thm3.3.1.2]2) of Theorem[theoremrobust]3.3.1 -- 3.3.6 Discussion of the Result -- 3.4 Results for n-Player Games -- 3.4.1 The Algorithm n-SePa -- 3.4.2 Analysis of Algorithm n-SePa -- 3.4.3 Main Results -- 3.4.4 Discussion of the Results -- 3.5 Bibliographic Notes -- 4 Capacity and Price Competition in Networks -- 4.1 Introduction -- 4.1.1 Problem Description -- 4.1.2 Main Results

and Proof Techniques -- 4.1.3 Discussion of the Model and Related Work -- 4.2 Continuity of Profit Functions -- 4.3 Characterization of Best Responses -- 4.3.1 The Case $z=0$ -- 4.3.2 The Case $z < 0$ -- 4.3.3 The Characterization -- 4.3.4 Discussion -- 4.4 Existence of Equilibria -- 4.5 Uniqueness of Equilibria -- 4.6 Quality of Equilibria -- 4.7 Bibliographic Notes -- 5 Conclusion -- [DELETE] -- Bibliography -- Bibliography.
