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Altri autori (Persone)	MacAvoyPaul W
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Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Contents""; ""Preface""; ""1 Introduction""; ""2 Quantitative Study Number One: Regional Markets for Gas Transmission Services""; ""2.1. Introduction""; ""2.2. Methodology and Data Description""; ""2.2.1. Methodology""; ""2.2.2. Data description""; ""2.3. Results""; ""2.3.1. Co-integration""; ""2.3.2. Short-run (impulse response) analysis""; ""2.4. Conclusion""; ""2.5. Appendix: Unit Root Test""; ""References""; ""3 Quantitative Study Number Two: Competition Among the few in the Natural Gas Pipelines Industry After Partial Deregulation""; ""3.1. Data Description"" ""3.2. Traditional Econometric Tests"" ""3.2.1. Reduced form regressions""; ""3.2.2. Basis differentials in prices""; ""3.3. An Integrated Demand/Supply Model""; ""3.3.1. Conjectural variation""; ""3.3.2. Structural system of simultaneous equations""; ""3.3.3. Estimation methodology""; ""3.4. Structural Estimation Results""; ""3.4.1. Estimated elasticities""; ""3.5. Evaluations of the Past and Future Policies""; ""3.5.1. The welfare effects of the Orders 636 et al.""; ""3.5.2. The market impact of a proposed Alaska pipeline into the Mid-North American region""; ""3.6. Conclusions""

""3.6.1. Summary and applications""""3.7. Appendix""; ""3.7.1. Data transformation example""; ""4 Quantitative Study Number Three: The Basis Differentials as a Measure of Performance in Partially Deregulated Pipeline Transportation Markets""; ""4.1. Methodology""; ""4.2. Observations""; ""4.3. Basis Differential Spikes by Hub and Spoke Networks""; ""4.4. Pipeline Basis Differential Performance in the Midwest and Western Transportation Markets""; ""4.5. Basis Differentials and Pipeline Throughput""  
""5 Quantitative Study Number Four: Probability of natural gas storage resulting from federal deregulation""""5.1. Models""; ""5.1.1. Model 1: Single supplier of transportation owns all storage""; ""5.1.2. Model 2: Single transportation service supplier and single source of storage are operated by two separate owners""; ""5.1.3. Model 3: Storage in the presence of competitive supply of gas plus transportation""; ""5.1.4. Model 4: Single merchant service supply in the presence of competitive storage""; ""5.1.5. Model 5: Perfectly competitive merchant supply and storage""  
""5.1.6. Comparison of the various models""""5.2. Empirical Tests""; ""5.2.1. Change in differences between winter and summer gas prices""; ""5.2.2. Changes in winter prices""; ""5.2.3. Changes in summer prices""; ""5.2.4. Changes in transportation prices""; ""5.2.5. Changes in storage quantity variations""; ""5.3. Conclusions""; ""6 Quantitative Study Number Five: Revising the model of gas wellhead prices and quantities for deregulation""; ""6.1. Estimation of Demand""; ""6.1.1. Equations""; ""6.1.2. Estimated equations""; ""6.2. Estimation of Supply Equations""; ""Index""

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Sommario/riassunto

This book offers the first set of quantitative analyses of the results of deregulation of the gas wellhead process coupled with partial deregulation of pipeline transportation and product storage. This complex process - which involves taking pipelines out of the field markets as product purchasers, and creating spot gas and pipeline space markets - has changed the nature and extent of services for gas at the burner tip, and the level as well as volatility of prices for these services. Using econometric tools of analysis, the authors concentrating on these changes uncover surprising findings

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2. Record Nr.	UNINA9910346942203321
Autore	Kraft Daniel
Titolo	Verteilte Zugangskontrolle in offenen Ad-hoc-Netzen
Pubbl/distr/stampa	KIT Scientific Publishing, 2007
ISBN	1000006517
Descrizione fisica	1 online resource (XVI, 208 p. p.)
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	In Ad-hoc-Netzen sind aktive Mitarbeit aller Teilnehmer und Einbringung eigener, knapper Ressourcen zugunsten Anderer unverzichtbar. Das hier vorgestellte verteilte Zugangskontrollsystem schließt dazu unkooperative Nutznießer aus dem Netz aus. Grundlage dafür sind gegenseitige Kooperativitätseinschätzungen der autonomen, einander a priori meist unbekanntten Teilnehmer, die durch automatische Verhaltensbeobachtung sowie durch Austausch und Verknüpfung von Einschätzungen ermittelt werden.

3. Record Nr.	UNINA9910557755203321
Autore	Rossin Andrea
Titolo	Functional Coordination Polymers and Metal-Organic Frameworks
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
Descrizione fisica	1 online resource (155 p.)
Soggetti	Research and information: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>This book is a collection of contributions on the synthesis, characterization, and applications of Metal-Organic Frameworks (MOF) and Coordination Polymers (CP). Coordination Polymers (CP) and Metal-Organic Frameworks (MOF) are at the core of contemporary research on inorganic materials. The virtually infinite combination of their building blocks-inorganic metallic nodes (single ions or clusters) and organic polytopic linkers (polycarboxylates, bridging N-/S-/O-containing heterocycles)-generates solid air- and water-stable compounds. Interesting features from an applicative point of view are porosity, large surface area, and lattice flexibility (the "breathing" effect). These properties make them ubiquitous in several fields of materials science: gas storage and separation, luminescent sensing, heterogeneous catalysis, and magnetism.</p>