

1. Record Nr.	UNINA9910478888103321
Autore	Yuan George Xian-Zhi <1965->
Titolo	The study of minimax inequalities and applications to economies and variational inequalities // George Xian-Zhi Yuan
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [1998] ©1998
ISBN	1-4704-0214-9
Descrizione fisica	1 online resource (157 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; number 625
Disciplina	510 s 515/.64
Soggetti	Nonlinear functional analysis Maxima and minima Variational inequalities (Mathematics) Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"March 1998, volume 132, number 625 (first of 5 numbers)."
Nota di bibliografia	Includes bibliographical references (pages 132-140).
Nota di contenuto	""Contents""; ""0. Introduction""; ""Chapter 1. The KKM Principle related to Ky Fan Minimax Inequalities and Fixed Point Theorems""; ""1.1. The Ky Fan Minimax Inequality-I""; ""1.2. The Ky Fan Minimax Inequality-II""; ""1.3. The Ky Fan-Majorized (KF)-Mappings and Maximal Elements""; ""Chapter 2. Equilibria of Abstract Economics in Hausdorff Topological Vector Spaces""; ""2.1. Some Properties of Set-Valued Mappings""; ""2.2. Equilibria in Topological Vector Spaces""; ""2.3. Approximate Equilibria in Topological Vector Spaces"" ""Chapter 3. Equilibria of Abstract Economics in Locally Convex Topological Vector Spaces"" ""3.1. Equilibria involving KF-Majorized Mappings""; ""3.2. Equilibria Involving Upper Semicontinuous Mappings""; ""Chapter 4. Equilibria in Frechet Spaces""; ""4.1. Equilibria for Condensing Mappings in Frechet Spaces""; ""4.2. Equilibria in Banach Spaces""; ""4.3. Equilibria in Finite Dimensional Spaces""; ""Chapter 5. Equilibria in Topological Spaces and Some Applications""; ""5.1. Maximal Elements in Topological Spaces""; ""5.2. Equilibria of General Abstract Economics in Topological Spaces""

""5.3. Applications to the System of Generalized Quasi-Variational Inequalities""""5.4. Applications to the System of Ky Fan Minimax Inequalities""; ""Chapter 6. Maximal Elements and Coincidence Theorems in Product Topological Spaces""; ""6.1. Introduction""; ""6.2. Maximal Elements for Couple-Majorized Families""; ""6.3. Coincidence Theorems in Product Spaces""; ""Chapter 7. Random Abstract Economics and Applications""; ""7.1. Introduction""; ""7.2. Random Abstract Economics""; ""7.3. Applications to the System of Random Generalized Quasi-Variational Inequalities"" ""7.4. Some Remarks on Random Analysis""""8. Conclusion Remarks""; ""9. Reference""

---