

M. Ali Khan · Nicholas C. Yannelis (Eds.)

Equilibrium Theory in Infinite Dimensional Spaces

With 10 Figures

Springer-Verlag Berlin Heidelberg New York London
Paris Tokyo Hong Kong Barcelona Budapest

TABLE OF CONTENTS

PREFACE	v
1 MATHEMATICAL BACKGROUND.....1	
<i>Integration of Banach-Valued Correspondences.....2</i>	
NICHOLAS C. YANNELIS	
<i>Set-Valued Functions of Two Variables in Economic Theory.36</i>	
NICHOLAS C. YANNELIS	
2 EQUILIBRIA, CORE, AND PARETO OPTIMALITY.....73	
<i>A Theorem on the Existence of Competitive Equilibria</i>	
<i>in a Market with a Finite Number of Agents and</i>	
<i>Whose Commodity Space is L_∞ 74</i>	
TRUMAN F. BEWLEY	
<i>The Core of an Economy Without Ordered Preferences 102</i>	
NICHOLAS C. YANNELIS	
<i>Fundamental Theorems of Welfare Economics in</i>	
<i>Infinite Dimensional Commodity Spaces 124</i>	
ROBERT A. BECKER	
3 CORE EQUIVALENCE.....177	
<i>A Limit Theorem on the Core of an Economy with</i>	
<i>a Continuum of Commodities 178</i>	
JEAN JASKOLD GABSZEWICZ	
<i>An Equivalence Theorem for the Core of an Economy</i>	
<i>with Commodity Space $L_\infty - \tau(L_\infty, L_1)$ 189</i>	
JEAN-FRANÇOIS MERTENS	
<i>The Principle of Equivalence 197</i>	
HARRISON H. C. CHENG	
4 THE EXISTENCE OF AN EQUILIBRIUM IN ECONOMIES WITH A CONTINUUM OF AGENTS 223	
<i>A Very Weak Theorem on the Existence of Equilibria in</i>	
<i>Atomless Economies with Infinitely Many Commodities 224</i>	
TRUMAN F. BEWLEY	

	<i>Equilibria in Markets with a Continuum of Agents and Commodities</i>	233
	M. ALI KHAN AND NICHOLAS C. YANNELIS	
	<i>What is Perfect Competition?</i>	249
	ALDO RUSTICHINI AND NICHOLAS C. YANNELIS	
5	CORRELATED EQUILIBRIA	267
	<i>On the Existence of Correlated Equilibria</i>	268
	NICHOLAS C. YANNELIS AND ALDO RUSTICHINI	
	<i>Existence of Correlated Weak Equilibria in Discontinuous Games</i>	281
	ANDRZEJ S. NOWAK	
	<i>Communication Equilibria with Large State Spaces</i>	288
	KEVIN D. COTTER	
6	GAMES WITH A CONTINUUM OF PLAYERS	301
	<i>An Axiomatic Approach to the Efficiency of Non-Cooperative Equilibrium in Economies with a Continuum of Traders</i>	302
	ANDREU MAS-COLELL	
	<i>On Symmetric Cournot-Nash Equilibrium Distributions in a Finite-Action, Atomless Game</i>	325
	M. ALI KHAN AND YE NENG SUN	
	<i>Equilibria in Random and Bayesian Games with a Continuum of Players</i>	333
	ERIK J. BALDER AND NICHOLAS C. YANNELIS	
7	SEQUENTIAL EQUILIBRIA	351
	<i>Recursive Utility Under Uncertainty</i>	352
	SOO H. CHEW AND LARRY G. EPSTEIN	
	<i>Consistency and Continuity of Choice in a Sequence of Spot and Futures Markets</i>	370
	DAVID C. NACHMAN AND ROBERT P. KERTZ	
8	REFERENCES	419