
Contents

<i>List of editors and contributors</i>	viii
<i>Foreword by Daniel McFadden</i>	xv
1 Introduction <i>André de Palma, Robin Lindsey, Emile Quinet and Roger Vickerman</i>	1
PART I TRANSPORT AND SPATIAL ECONOMY	
2 General equilibrium models for transportation economics <i>Johannes Bröcker and Jean Mercenier</i>	21
3 Transport in spatial models of economic development <i>Michael Wegener</i>	46
4 New economic geography: the role of transport costs <i>Miren Lafourcade and Jacques-François Thisse</i>	67
5 Transport costs and international trade <i>Alberto Behar and Anthony J. Venables</i>	97
6 City formation and transport costs <i>Takatoshi Tabuchi</i>	116
PART II THE DEMAND FOR TRANSPORT	
7 Valuation of travel time savings <i>David A. Hensher</i>	135
8 Advances in discrete choice: mixture models <i>Joan L. Walker and Moshe Ben-Akiva</i>	160
9 Dynamic traffic modeling <i>André de Palma and Mogens Fosgerau</i>	188
10 Activity-based travel demand analysis <i>Abdul Rawoof Pinjari and Chandra R. Bhat</i>	213
11 Economics of transport logistics <i>Michel Beuthe</i>	249
PART III THE COST OF TRANSPORT	
12 Cost functions for transport firms <i>Leonardo J. Basso, Sergio R. Jara-Díaz and William G. Waters II</i>	273
13 Efficiency measurement theory and its application to airport benchmarking <i>Tae Hoon Oum, Katsuhiko Yamaguchi and Yuichiro Yoshida</i>	298
14 Theory of external costs <i>Stef Proost</i>	319

15	External costs of transport in the United States	341
	<i>Mark Delucchi and Don McCubbin</i>	
16	External costs of transport in Europe	369
	<i>Rainer Friedrich and Emile Quinet</i>	
17	The value of a statistical life	396
	<i>Henrik Andersson and Nicolas Treich</i>	
18	Transport and energy	425
	<i>Kenneth Button</i>	
19	The full marginal costs of highway travel: methods and empirical estimation for North America	444
	<i>Yossi Berechman, Bekir Bartin, Ozlem Yanmaz-Tuzel and Kaan Ozbay</i>	

PART IV OPTIMAL PUBLIC DECISIONS

20	Surplus theory	479
	<i>Yoshitsugu Kanemoto</i>	
21	The direct and wider impacts of transport projects: a review	501
	<i>Peter Mackie, Daniel Graham and James Laird</i>	
22	Price discrimination	527
	<i>Simon P. Anderson and Régis Renault</i>	
23	Road congestion pricing	561
	<i>Georgina Santos and Erik Verhoef</i>	
24	The economics of information in transport	586
	<i>Piet Rietveld</i>	
25	Personal intelligent travel assistants	604
	<i>Caspar G. Chorus and Harry J.P. Timmermans</i>	
26	Equity dimensions of transport policies	624
	<i>Alain Trannoy</i>	
27	Psychology and rationality in user behavior: the case of scarcity	650
	<i>Jonathan L. Gifford</i>	

PART V COMPETITION AND REGULATION

28	Competition, regulation and public service obligations	661
	<i>Marco Ponti</i>	
29	The theory of incentives applied to the transport sector	684
	<i>Elisabetta Iossa and David Martimort</i>	
30	Public-private partnerships in transport	708
	<i>Antonio Estache, Ellis Juan and Lourdes Trujillo</i>	
31	Parking economics	726
	<i>Richard Arnott</i>	
32	The industrial organization of competition in local bus services	744
	<i>Philippe Gagnepain, Marc Ivaldi and Catherine Muller-Vibes</i>	
33	Competition and regulation in rail transport	763
	<i>Chris Nash</i>	

34	Airport governance and regulation: three decades of aviation system reform	779
	<i>David Gillen</i>	
35	Competition and regulation in air transport	797
	<i>Anming Zhang, Yimin Zhang and Joseph A. Clougherty</i>	
36	Competition and regulation in seaports	822
	<i>Hilde Meersman, Eddy Van de Voorde and Thierry Vanelslander</i>	
37	Competition and regulation in maritime transport	844
	<i>Mary R. Brooks</i>	
	<i>Name index</i>	869
	<i>Subject index</i>	887