

# Contents

---

<i>List of contributors</i>	vii
1. Introduction <i>Linda Steg, Erik Verhoef, Michiel Bliemer and Bert van Wee</i>	1
2. Road transport pricing: motivation, objectives and design from an economic perspective <i>Erik Verhoef</i>	6
<b>PART I BEHAVIOURAL RESPONSES TO ROAD PRICING</b>	
3. Behavioural responses of freight transporters and shippers to road-user charging schemes: an empirical assessment <i>David Hensher and Sean Puckett</i>	29
4. Travellers' responses to road pricing: value of time, schedule delay and unreliability <i>Dirk van Amelsfort, Piet Bovy, Michiel Bliemer and Barry Ubbels</i>	64
5. Effects of a kilometre charge on car use, car ownership and relocation <i>Barry Ubbels, Taede Tillema, Erik Verhoef and Bert van Wee</i>	86
6. Firms: changes in trip patterns, product prices, locations and in the human resource policy due to road pricing <i>Taede Tillema, Bert van Wee, Jan Rouwendal and Jos van Ommeren</i>	106
<b>PART II MODELLING EFFECTS OF TRANSPORT PRICING</b>	
7. Transit market effects on socially optimal congestion charging <i>Michael Bell and Muanmas Wichinsin</i>	131
8. Different policy objectives of the road-pricing problem: a game-theoretic approach <i>Dusica Joksimovic, Michiel Bliemer and Piet Bovy</i>	151

9.	Optimal toll design problem: a dynamic network modelling approach <i>Michiel Bliemer, Dusica Joksimovic and Piet Bovy</i>	170
<b>PART III ACCEPTABILITY OF DIFFERENT ROAD-PRICING POLICIES</b>		
10.	Acceptability of road pricing <i>Tommy Gärling, Cecilia Jakobsson, Peter Loukopoulos and Satoshi Fujii</i>	193
11.	Car users' acceptability of a kilometre charge <i>Geertje Schuitema, Barry Ubbels, Linda Steg and Erik Verhoef</i>	209
12.	Sensitivity of geographical accessibility measures under road-pricing conditions <i>Taede Tillema, Tom de Jong, Bert van Wee and Dirk van Amelsfort</i>	227
13.	Firms' perception and acceptability of transport pricing <i>Linda Steg, Taede Tillema, Bert van Wee and Geertje Schuitema</i>	250
<b>PART IV PAST AND FUTURE OF ROAD PRICING</b>		
14.	The London experience <i>Georgina Santos</i>	273
15.	Transport infrastructure pricing: a European perspective <i>Chris Nash</i>	293
16.	Conclusions and directions of further research <i>Bert van Wee, Michiel Bliemer, Linda Steg and Erik Verhoef</i>	312
	<i>Index</i>	321