1. Record Nr. UNINA9910815113403321

Autore	Visser Arnoud
Titolo	Measurement-driven simulation of complex engineering systems [[electronic resource] /] / Arnoud Visser
Pubbl/distr/stampa	[Amsterdam], : Amsterdam University Press, 2007
ISBN	90-485-0199-7
Descrizione fisica	1 online resource (151 p.)
Collana	UvA Proefschriften
Disciplina	372.53
Soggetti	Systems engineering - Simulation methods Congestion pricing - Mathematical models History Political science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Contents; 1. Introduction; 2. Complex Systems; 3. Application; 4. Modeling Methodology; 5. Calibration of the Traffic Model; 6. Modeling of Dedicated Short Range Communication; 7. An Architecture for a Virtual Traffic Laboratory; 8. Discussion; 9.. Conclusion; Epilogue; Summary; Samenvatting; Bibliography; Author's publications; Project's deliverables; Acknowledgments
Sommario/riassunto	The steadily increasing amount of traffic in the vicinity of their economical centers imposes great difficulties for most western countries. To reduce this steady increase, road pricing has proven to be an effective countermeasure. It has been introduced in different countries throughout the world, forcing people to consider alternative means of traveling. Since, for such measures to be effective, human behavior and social structures are deeply influenced, emotional political discussions have arisen. Considering the importance of such social changes as well as the complexity of techniques invo