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Titolo	Agent-Based Modeling and Simulation Workshop 2010 [[electronic resource] /] / [Office of Operations R&D, Federal Highway Administration]
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Descrizione fisica	1 online resource (iv, 23 pages) : illustrations (some color)
Soggetti	Transportation - Computer simulation Multiagent systems Conference papers and proceedings.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on May 1, 2012).. At head of title: The Exploratory Advanced Research Program "HRTM-30/07-11(1M)E"--Cover p. [4], "Report no. FHWA-HRT-11-036"--Tech. report doc. p. "July 2011"--Tech. report doc. p.
Nota di bibliografia	Includes bibliographic references (cover page [3]).
Nota di contenuto	Agent-based simulation and modeling: Identification of breakthrough research for highway transportation -- Computer simulation for transportation studies-a brief history -- Overview and development of agent-based modeling and simulation -- Agent-based modeling with repast simphony including a consumer products modeling example -- Using pattern-oriented modeling in developing the agent-based model of Hawaii's longline fishery -- Predicting pandemic disease spread in urban environments with agent-based simulation -- Agent-based modeling of transportation systems -- Key technical gaps to overcome -- Challenges of incorporating ABMS in transportation -- Potential applications of ABMS in transportation -- Appendices.