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Titolo	Traffic and Granular Flow '13 // edited by Mohcine Chraibi, Maik Boltes, Andreas Schadschneider, Armin Seyfried
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ISBN	3-319-10629-5
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (617 p.)
Disciplina	003.3 004 510 519
Soggetti	Computer mathematics Statistical physics Dynamical systems Amorphous substances Complex fluids Game theory System theory Computer simulation Computational Science and Engineering Complex Systems Soft and Granular Matter, Complex Fluids and Microfluidics Game Theory, Economics, Social and Behav. Sciences Simulation and Modeling
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	Part I: Pedestrian Dynamics and Evacuation Dynamics -- Part II: Highway and Urban Vehicular Traffic -- Part III: Biological Systems and Granular Flow.
Sommario/riassunto	This book continues the biannual series of conference proceedings, which has become a classical reference resource in traffic and granular

research alike, and addresses the latest developments at the intersection of physics, engineering and computational science. These involve complex systems, in which multiple simple agents, be they vehicles or particles, give rise to surprising and fascinating phenomena. The contributions collected in these proceedings cover several research fields, all of which deal with transport. Topics include highway, pedestrian and internet traffic; granular matter; biological transport; transport networks; data acquisition; data analysis and technological applications. Different perspectives, i.e., modeling, simulations, experiments, and phenomenological observations are considered. .

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