

1. Record Nr.	UNINA9910295815503321
Titolo	2018 International Conference on Bangla Speech and Language Processing : 21-22 September 2018, Sylhet, Bangladesh // Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	Piscataway, New Jersey : , : Institute of Electrical and Electronics Engineers, , 2018
ISBN	1-5386-8207-9
Descrizione fisica	1 online resource (45 pages)
Disciplina	006.454
Soggetti	Bengali language - Data processing Speech processing systems Natural language processing (Computer science) Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910790725703321
Autore	Epstein Joshua M. <1951->
Titolo	Agent zero : toward neurocognitive foundations for generative social science // Joshua M. Epstein
Pubbl/distr/stampa	Princeton, New Jersey ; ; Oxfordshire, England : , : Princeton University Press, , 2013 ©2013
ISBN	1-4008-4825-3
Edizione	[Course Book]
Descrizione fisica	1 online resource (268 p.)
Collana	Princeton Studies in Complexity ; ; 25 Princeton studies in complexity
Classificazione	ST 650
Disciplina	300.1
Soggetti	Social sciences - Computer simulation Social sciences - Mathematical models
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 and index.
Nota di contenuto	Frontmatter -- Contents -- Foreword -- Preface -- Acknowledgments -- Introduction -- Part I. Mathematical Model -- Part II. Agent-Based Computational Model -- Part III. Extensions -- Part IV. Future Research and Conclusion -- Appendix I. Threshold Imputation Bounds -- Appendix II. Mathematica Code -- Appendix III. Agent_Zero NetLogo Source Code -- Appendix IV. Parameter Settings for Model Runs -- References -- Index
Sommario/riassunto	The Final Volume of the Groundbreaking Trilogy on Agent-Based Modeling In this pioneering synthesis, Joshua Epstein introduces a new theoretical entity: Agent_Zero. This software individual, or "agent," is endowed with distinct emotional/affective, cognitive/deliberative, and social modules. Grounded in contemporary neuroscience, these internal components interact to generate observed, often far-from-rational, individual behavior. When multiple agents of this new type move and interact spatially, they collectively generate an astonishing range of dynamics spanning the fields of social conflict, psychology, public health, law, network science, and economics. Epstein weaves a computational tapestry with threads from Plato, Hume, Darwin, Pavlov, Smith, Tolstoy, Marx, James, and Dostoevsky, among others. This transformative synthesis of social philosophy, cognitive neuroscience,

and agent-based modeling will fascinate scholars and students of every stripe. Epstein's computer programs are provided in the book or on its Princeton University Press website, along with movies of his "computational parables." Agent_Zero is a signal departure in what it includes (e.g., a new synthesis of neurally grounded internal modules), what it eschews (e.g., standard behavioral imitation), the phenomena it generates (from genocide to financial panic), and the modeling arsenal it offers the scientific community. For generative social science, Agent_Zero presents a groundbreaking vision and the tools to realize it.
