1.

Record Nr.	UNINA9910255058003321
Autore	Tarvid Alexander
Titolo	Agent-Based Modelling of Social Networks in Labour–Education Market System [[electronic resource] /] / by Alexander Tarvid
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-26539-3
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (102 p.)
Collana	Understanding Complex Systems, , 2191-5326
Disciplina	006.3
Soggetti	Labor economics
	Game theory
	Sociophysics
	Econophysics
	Physics
	Labor Economics
	Game Theory, Economics, Social and Behav. Sciences
	Data-driven Science, Modeling and Theory Building
	Applications of Graph Theory and Complex Networks
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	Social Networks and Labour-Education Market System -- Complex Adaptive Systems and Agent-Based Modelling -- Using Agent-Based Modelling in Studying Labour-Education Market System.
Sommario/riassunto	This book covers the modelling of human behaviour in the education and labour markets, which due to their interdependency are viewed as one system. Important factors influencing the decision-making of individuals and firms in this system are discussed. The role of social environment and networks is stressed. The approach of agent-based modelling is presented and compared with standard economic modelling and other simulation techniques in the context of modelling complex adaptive systems. Practical questions in building agent-based models of labour–education market system with social networks are discussed. These questions include modelling the structure of education system and agent behaviour there; modelling and calibrating

the labour market without and with firms; generating the social network, defining its behaviour and calibrating it; and embedding the resulting system into a larger model.