

1. Record Nr.	UNINA9910887815303321
Titolo	Present and Future of Evolutionary Economics : Japanese Perspectives / / edited by Kichiro Yagi, Yoshinori Shiozawa, Yuji Aruka, Makoto Nishibe, Akinori Isogai
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	981-9744-34-2
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (283 pages)
Collana	Evolutionary Economics and Social Complexity Science, , 2198-4212 ; ; 31
Disciplina	330.1
Soggetti	Evolutionary economics Institutional economics Schools of economics Microeconomics Information technology - Management Economics - History Economic development Institutional and Evolutionary Economics Agent-based Economics Business Process Management History of Economic Thought and Methodology Economic Development, Innovation and Growth
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	chapter 1. Introduction: Evolutionary Economics in Japan -- Chapter 2. The Transdisciplinary Approach to Evolutionary Economics: An Integrated Science of Economics and Biology -- Chapter 3. On the Problem of Institutions in Evolutionary Economics -- Chapter 4. Evolutionary Understanding of Capitalist Product Markets: Adaptation-facilitating and Diversification-accelerating Functions -- Chapter 5. Microstructure of a Quantity Adjustment Economy -- chapter 6. An Evolutionary Inference of Optimal Selection in View of Dynamic Programming and Reinforcement -- chapter 7. Behavioral Economics

and its Applications for Energy Consumption -- chapter 8. Production Economy and Industry Studies -- chapter 9. From National Innovation System to Public Sphere for Innovation: Mission-oriented Innovation Policy and the Changing Institutional Configuration -- chapter 10. Evolutionary Perspectives in the Research of Economic History.

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#### Sommario/riassunto

This edited volume celebrates a quarter-century's anniversary of the foundation of the Japan Association for Evolutionary Economics (JAFEE) and proposes the future perspectives of evolutionary economics on the grounds of its achievements in Japan. When JAFEE was founded in 1997, hundreds of ambitious non-neo-classical economists gathered in this forum to advance new directions of economic research. Succeeding in 2004, JAFEE launched an international academic journal, Evolutionary and Institutional Economics Review (EIER), which is now published by Springer. Evolutionary economics found rich soil for growth in Japan, where non-orthodox directions in economic theory and historical interest in the past masters' works occupied a solid portion of economics academism. Evolutionary economics in Japan has grown with the collaboration of non-neoclassical economics including Marxian and post-Keynesian economics, agent-based modeling, complexity studies, comparative economic systems, and studies in industrial evolution. Combining the renovation of classical value theory as the micro-foundation of evolutionary economics is one of its most conspicuous achievements. Experimental methods are also used in the artificial domain, regional studies (community currencies), and other domains. Further, evolutionary ideas stimulated comparative analysis of national economies in the development and system transition. The variety of chapters in this volume reflects the broad perspective and the multiplicity of approaches to evolutionary economics in Japan, which thus stimulates its worldwide advance.

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