

1. Record Nr.	UNINA9910459029303321
Titolo	Computable, constructive and behavioural economic dynamics : essays in honour of Kumaraswamy (Vela) Velupillai // edited by Stefano Zambelli
Pubbl/distr/stampa	Abingdon, Oxon ; ; New York : , : Routledge, , 2010
ISBN	1-135-27253-0 1-282-57198-2 9786612571985 0-203-86014-4
Descrizione fisica	1 online resource (560 p.)
Collana	Routledge frontiers of political economy Computable, constructive and behavioural economic dynamics
Altri autori (Persone)	VelupillaiKumaraswamy <1947-> ZambelliStefano
Disciplina	330.01 330.0151
Soggetti	Macroeconomics Economics, Mathematical Electronic books.
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	Book Cover; Title; Copyright; Contents; Figures; Tables; Contributors; Foreword; Introduction; Part I: Prelude; 1 Computable and constructive economics, undecidable dynamics and algorithmic rationality: An essay in honour of Professor Kumaraswamy (Vela) Velupillai; 2 From an admirer and a friend; Part II: Dynamical systems, business cycles and macroeconomics; 3 The Richard Goodwin circle at Harvard (1938-1950); 4 Not growth, not cycles, but something in between; 5 The nonlinear path of macroeconomic dynamics; Part III: Computable economics; 6 The information economy 7 Hypotheses that imply the independence of $P = NP$ from strong axiomatic systems8 Universal models; 9 Model description length priors in the urn problem; Part IV: Constructivity, rationality and complexity in economic theory; 10 The honeybee as teacher; 11 Constructivist logic and emergent evolution in economic complexity; 12

Remarks on numerical systems, algorithms and economic theory; 13 An experiment on equilibrium selection: The relative unimportance of context; 14 The complexity of social choice; Part V: History of thought and methodology; 15 Varieties of internal critique  
 16 Rational economic man: A centrepiece in social science? 17 Resisting the sirens of realism in economic methodology: A Socratic odyssey; 18 Who, in Scandinavian economic theoretic literature, picked up major threads from Wicksell's writings?; Part VI: Capital, viability and growth; 19 The Accumulation of Capital over 50 years on; 20 The means of subsistence and the notion of 'viability' in Sraffa's surplus approach; 21 A disequilibrium growth cycle model with differential savings; Part VII: Markets and their behaviours; 22 Evolution of FX markets and new financial economics  
 23 Elasticity puzzle: An inquiry into micro-macro relations 24 Bubbles and crashes: A cyborg approach; 25 Is there gold in Taylor's rule?: A note on the treasure hunt; 26 The economics of Keynes in an almost stock- flow consistent agent- based setting; 27 Minsky's 'financial instability hypothesis': The not- too-Keynesian optimism of a financial Cassandra; 28 Organizational capabilities and industry dynamics: A computational model; Part VIII: Finale  
 29 The most difficult questions A brief reflection inspired by K. Vela Velupillai's contributions in computable economics, evolution and complexity 30 A homage to my father; Author index; Subject index

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## Sommario/riassunto

The book contains thirty original articles dealing with important aspects of theoretical as well as applied economic theory. While the principal focus is on: the computational and algorithmic nature of economic dynamics; individual as well as collective decision process and rational behavior, some contributions emphasize also the importance of classical recursion theory and constructive mathematics for dynamical systems, business cycles theories, growth theories, and others are in the area of history of thought, methodology and behavioural economics. The contributors range from Nobel Laurea

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