

1. Record Nr.	UNINA9910779022203321
Autore	Schon Lennart <1946-, >
Titolo	An economic history of modern Sweden / / Lennart Schon
Pubbl/distr/stampa	Abingdon, Oxon ; ; New York, N.Y. : , : Routledge, , 2012
ISBN	1-136-33850-0 1-280-66048-1 9786613637413 0-203-12333-6 1-136-33851-9
Descrizione fisica	1 online resource (393 p.)
Collana	Routledge explorations in economic history ; ; 54
Disciplina	330.9485
Soggetti	Economic development - Sweden Sweden Economic conditions
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	Cover; An Economic History of Modern Sweden; Copyright; Contents; List of tables and figures; Preface to the first edition; Preface to the English edition; 1. Growth and transformation during two centuries; Growth and transformation; Pillars of growth; The significance of transformation; Complementarity and development blocks; A pattern in long-term social development; Transformation and distribution of income; A structural cycle; Foreign trade and Swedish transformation; How this book is organised; Background in previous research 2. The transformation of agriculture and early industrialisation, 1790-1850The European background; The transformation of agriculture and early industry in Sweden up to the mid-nineteenth century; 3. Railway construction and expanded industrialisation, 1850-1890; Industrialisation and transformation in Europe; Sweden and the breakthrough of industrialisation, 1850-1890; 4. The breakthrough of industrial society, 1890-1930; The Second Industrial Revolution; The breakthrough of industrial society in Sweden in the 1890s and afterwards; War profits, crisis and rationalisation, 1910-1930 5.The peak of industrial society, 1930-1975From crisis and war to all-time records; The Swedish economy in transformation, 1930-1950; A

golden age of growth in the Western world, 1950-1975; A golden age of industrialism in Sweden, 1950-1975; 6. The Third Industrial Revolution and the breakthrough of the service economy, 1975-2010; Transformation and globalisation; The Swedish economy in crisis and transformation since the 1970s; Epilogue: Perspectives from the Third Industrial Revolution; Notes; References; Index

Sommario/riassunto

"It is a synthesis of Swedish economic growth, social change and modernization of the society from the turn of the century 1800 up to the present. The book highlights the determinants of long term growth, the role of innovations and entrepreneurs as well as the interplay between different sectors of the economy over major epochs. The epochal shifts are presented in a long wave pattern with global crises as decisive turning points. The theoretical approach is integrated into a broad description of the historical evolution from the agricultural society over industrialization up to the present service and IT-oriented society. The book is based on a rich and detailed quantitative material from research over the past decades with consecutive time series over production volumes, employment, productivity, investments etc. for sectors and branches covering the whole economy, even including estimates of non-marketed domestic work. It is also based on a broad literature from Swedish historiography with details on the individual level of firms, innovators and entrepreneurs. Focus is upon the interplay between technological, economic and social change where a number of broad themes are treated with a general interest to historians or economists, e.g. the role of social change and domestic markets versus international specialisation and exports as dynamic factors in Swedish economic growth. Epochs with different structures appears as long waves, demarcated by international or global crises around 1850, 1890, 1930, 1975 and apparently once again around 2010. A particular perspective is upon radical innovations that form expansive development blocks and create a basis for international specialisation within each epoch"--

2. Record Nr.	UNINA9910890190303321
Autore	Lev-Ari Hanoch
Titolo	Dynamic Phasors in Energy Processing Systems / / by Hanoch Lev-Ari, Aleksandar M. Stanković
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031500206 3031500202
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (502 pages)
Collana	Power Electronics and Power Systems, , 2196-3193
Disciplina	621.31
Soggetti	Power electronics Electric power distribution Electric power production Electric machinery Electric power-plants Power Electronics Energy Grids and Networks Electrical Power Engineering Electrical Machines Power Stations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	I: Theory of Dynamic Phasors -- Background -- Dynamic Fourier Phasors -- Efficient Estimation of Dynamic Phasors -- Beyond Phasors: Constant-bandwidth Transforms -- Beyond Phasors: Variable-bandwidth Transforms -- II: Modeling and Control Applications of Dynamic Phasors -- Power Electronic Converters -- Electric Machines and Power Systems -- III: Applications to Power Flow in Electric Energy Processing Systems -- Power Quality in Steady-state -- Power Flow in the Presence of Transients -- Appendices -- Linear System With Periodic Excitation -- Duration & Bandwidth of Window Functions -- Lagrange Identity -- Variance Components for Grouped Data -- Orthogonal Decomposition of Periodic Polyphase Current Waveforms -- Geometric Algebra -- a Least-squares Approach to Dynamic Phasor

Sommario/riassunto

This advanced textbook explores representations of signals in electric energy systems (EES) and their applications in tasks such as protection, monitoring, estimation, and control. EES plays a crucial role in energy conversion at levels ranging from personal devices and vehicles, such as cars, airplanes, and ships, to regions and even whole continents. The text provides a unified modeling framework for consistent EES analysis, design, and integration with physical and cyber environments. It includes tools that enable frequency-selective modeling, simulation, and control. In modern EES, the switching mode of operation introduces multiple frequency components in signals, and the book's modeling concepts help quantify the dynamics of harmonics in power networks. Coverage includes power electronic converters, electric machines and drives, and other power system components. One of the book's main focuses is characterizing EES transients, which is of significant engineering interest, especially for emerging control and protection strategies that utilize signal processing and microcontrollers. Dynamics Phasors in Energy Processing Systems is appropriate for graduate and advanced undergraduate courses in electric energy engineering and is a valuable professional resource for researchers and practitioners in industry, academia, and national laboratories. Includes background material, technical details, and data for test scenarios; Offers a unified framework for modelling, simulation, estimation, and control; Provides a precise definition of dynamic phasors.

3. Record Nr.	UNISANNIOBVE0313575
Titolo	[2]: Process control / Béla G. Lipták, editor-in-chief
Pubbl/distr/stampa	Radnor, PE, : Chilton book, ©1995
ISBN	0801982421
Edizione	[3. ed]
Descrizione fisica	XXVII, 1551 p. : ill. ; 29 cm.
Disciplina	629.8
Soggetti	Strumenti per misure - Manuali Sistemi di controllo automatici
Collocazione	SALA DING 629.8 INSEH
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia