

1. Record Nr.	UNINA9910455285303321
Autore	Baldwin Carliss Y (Carliss Young)
Titolo	Design rules [[electronic resource] /] / Carliss Y. Baldwin and Kim B. Clark
Pubbl/distr/stampa	Cambridge, Mass., : MIT Press, c2000-
Descrizione fisica	1 online resource (480 p.)
Altri autori (Persone)	Clark Kim B
Disciplina	621.39
Soggetti	Electronic digital computers - Design and construction - History Modularity (Engineering) Computer industry - History Industrial organization 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 (p. [419]-452) and index.
Nota di contenuto	v . 1. The power of modularity.
Sommario/riassunto	We live in a dynamic economic and commercial world, surrounded by objects of remarkable complexity and power. In many industries, changes in products and technologies have brought with them new kinds of firms and forms of organization. We are discovering new ways of structuring work, of bringing buyers and sellers together, and of creating and using market information. Although our fast-moving economy often seems to be outside of our influence or control, human beings create the things that create the market forces. Devices, software programs, production processes, contracts, firms, and markets are all the fruit of purposeful action: they are designed. Using the computer industry as an example, Carliss Y. Baldwin and Kim B. Clark develop a powerful theory of design and industrial evolution. They argue that the industry has experienced previously unimaginable levels of innovation and growth because it embraced the concept of modularity, building complex products from smaller subsystems that can be designed independently yet function together as a whole. Modularity freed designers to experiment with different approaches, as long as they obeyed the established design rules. Drawing upon the

literatures of industrial organization, real options, and computer architecture, the authors provide insight into the forces of change that drive today's economy.

2. Record Nr.

Autore

UNINA9910477127303321

Titolo

Castells Manuel

Pubbl/distr/stampa

Castells in Africa : Universities and Development / / Manuel Castells, [and four others]

Cape Town, South Africa : , : African Minds, , 2016

Descrizione fisica

1 online resource (viii, 248 pages)

Disciplina

378.6

Soggetti

General education

Education, Higher

Universities and colleges

Africa

Lingua di pubblicazione

Inglese

Formato

Materiale a stampa

Livello bibliografico

Monografia

Nota di contenuto

Section 1. Framing Castells in Africa -- 1. Castells in South Africa -- 2. Universities and the 'new society' section 2. Castells in South Africa -- 3. Universities as dynamic systems of contradictory functions -- 4. The role of universities in development, the economy and society -- 5. Rethinking development in the global information age section 3. Putting Castells to work in Africa -- 6. Roles of universities and the African context -- 7. Universities and economic development in Africa -- 8. Research universities in Africa? -- 9. African universities and connectedness in the information age -- 10 Contradictory functions, unexpected outcomes, new challenges -- Afterword 2017 / by Manuel Castells.

Sommario/riassunto

Castells in Africa: Universities and Development collects the papers produced by Manuel Castells on his visits to South Africa, and publishes them in a single volume for the first time. The book also publishes a series of empirically-based papers which together display

the multi-faceted and far-sighted scope of his theoretical framework, and its fecundity for fine-grained, detailed empirical investigations on universities and development in Africa. Castells, in his afterword to this book, always looking forward, assesses the role of the university in the wake of the upheavals to the global economic order. He decides the university's function not only remains, but is more important than ever. This book will serve as an introduction to the relevance of his work for higher education in Africa for postgraduate students, reflective practitioners and researchers. Includes two previously unpublished public lectures and an Afterword by Manuel Castells.

3. Record Nr.	UNINA9910138963903321
Autore	Yu Xianchuan
Titolo	Blind source separation : theory and applications / / Xianchuan Yu, Dan Hu, Jindong Xu
Pubbl/distr/stampa	Singapore : , : Wiley, , 2014 ©2014
ISBN	1-118-67987-3 1-118-67985-7 1-118-67986-5
Descrizione fisica	1 online resource (388 p.)
Altri autori (Persone)	HuDan XuJindong
Disciplina	621.382/2
Soggetti	Blind source separation
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 at the end of each chapters and index.
Nota di contenuto	PART I. Theory basics of BSS -- Mathematical foundation of blind source separation -- General model and classical algorithm for BSS -- Evaluation criteria for the bss algorithm -- PART II. Independent component analysis -- Independent component analysis -- Fast independent component analysis and its application -- Maximum likelihood independent component analysis and its application -- Overcomplete independent component analysis algorithms and

applications -- Kernel independent component analysis -- Non-negative independent component analysis and its application -- Constraint independent component analysis algorithms and applications -- Optimized independent component analysis algorithms and applications -- Supervised learning independent component analysis algorithms and applications -- PART III. Advances and applications of BSS -- Non-negative matrix factorization algorithms and applications -- Sparse component analysis and applications -- Glossary.

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#### Sommario/riassunto

A systematic exploration of both classic and contemporary algorithms in blind source separation with practical case studies The book presents an overview of Blind Source Separation, a relatively new signal processing method. Due to the multidisciplinary nature of the subject, the book has been written so as to appeal to an audience from very different backgrounds. Basic mathematical skills (e.g. on matrix algebra and foundations of probability theory) are essential in order to understand the algorithms, although the book is written in an introductory, accessible style.

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