

1. Record Nr.	UNINA9910702415703321
Titolo	Business statistics
Pubbl/distr/stampa	Washington : , : U.S. Department of Commerce, Office of Business Economics, , 1951-1992
Descrizione fisica	1 online resource
Soggetti	Commercial statistics Commerce Economic history Periodicals. Statistics. United States Economic conditions Statistics Periodicals United States Commerce Statistics Periodicals United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico

2. Record Nr.	UNINA9910299622903321
Autore	Zemella Giovanni
Titolo	Evolutionary Optimisation of Façade Design : A New Approach for the Design of Building Envelopes // by Giovanni Zemella, Andrea Faraguna
Pubbl/distr/stampa	London : , : Springer London : , : Imprint : Springer, , 2014
ISBN	1-4471-5652-8
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (127 p.)
Disciplina	621.042 658.26 690 696
Soggetti	Energy consumption Buildings—Design and construction Building Construction Engineering, Architectural Renewable energy resources Design Energy Efficiency Building Construction and Design Renewable and Green Energy Design, general
Lingua di pubblicazione	Inglese
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Note generali	Description based upon print version of record.
Nota di contenuto	Envelopes -- Optimisation -- Successful Buildings -- An Example -- About the Author.
Sommario/riassunto	Optimization techniques offer immense potential for the improvement of performance-driven design, since they allow the adoption of an holistic approach. This can lead to great advantages: optimal design solutions can be properly identified only if all criteria are considered at the same time, rather than separately. There are two barriers which obstruct optimization from being applied to building design: a technological barrier (applying the algorithms is not easy and can be

quite time-consuming) and a cultural one (architects and engineers are required to change their perspectives as the design process has to be handled in a new way). This book explores these barriers from the perspective of both engineers and architects, and proposes a change in the attitudes of these two “actors”: an engineer and an architect develop a dialog which helps them understand each other’s perspective; in this way they find how they must both make a step forward.

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