

1. Record Nr.	UNINA9910260595203321
Autore	Mahajan Sanjoy <1969->
Titolo	The art of insight in science and engineering : mastering complexity / / Sanjoy Mahajan
Pubbl/distr/stampa	Cambridge, Massachusetts : , : The MIT Press, , [2014] ©2014
ISBN	0-262-32524-1 0-262-32523-3
Descrizione fisica	1 online resource (409 p.)
Disciplina	501/.9
Soggetti	Statistical physics Estimation theory Hypothesis Problem solving
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	Tools to make hard problems easier to solve.

2. Record Nr.	UNINA9910595078003321
Autore	Czajka Krzysztof
Titolo	Modelling and Calculation of Raw Material Industry
Pubbl/distr/stampa	Basel, 2022
Descrizione fisica	1 online resource (250 p.)
Soggetti	History of engineering & technology Technology: general issues History of engineering and technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The raw materials industry is widely considered to be too environmentally costly, and causing more losses than benefits. The responsible solving of the problems caused by this industry is not "exporting" its operations to less developed countries, but addressing all recognized hazards with dedicated technological developments. Such an approach is presented by the authors of this book. The contributions deal with the optimization of processes in the raw materials industry, obtaining energy from alternative fuels, researching the environmental aspects of industrial activities. This book determines some guidelines for the sustainable raw materials industry, describing methods of the optimized use of mined deposits and the recovery of materials, reductions in energy consumption and the recuperation of energy, minimizations in the emissions of pollutants, the perfection of quieter and safer processes, and the facilitation of modern materials-, water-, and energy-related techniques and technologies.