

1. Record Nr.	UNINA9910813238503321
Autore	De Semir i Zivojnovic Vladimir
Titolo	La Divulgacion Cientifica / / Vladimir de Semir i Zivojnovic
Pubbl/distr/stampa	Barcelona : , : Editorial UOC, , [2016] ©2016
ISBN	84-9116-195-3
Descrizione fisica	1 online resource (107 paginas)
Collana	Quiero saber
Disciplina	501.4
Soggetti	Communication in science - History Science - History
Lingua di pubblicazione	Spagnolo
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Incluye indice.
Nota di bibliografia	Contiene bibliografia.
Sommario/riassunto	La divulgación científica es la pieza clave para comprender; un género literario y artístico que extiende, propaga, recrea, reconstruye y recontextualiza discursivamente y culturalmente el conocimiento en diferentes niveles de comprensión, con rigor en función de los varios públicos a los cuales va dirigida. Desde Galileo a nuestros días, este arte de explicar el saber nos ha permitido no sólo satisfacer nuestra curiosidad, dejar volar la imaginación y comprender mejor el mundo, sino que contribuye a desarrollar una necesaria capacidad crítica para poder participar en la construcción democrática de nuestra sociedad.

2. Record Nr.	UNINA9910580211803321
Autore	Jodar Lucas
Titolo	Mathematical Methods, Modelling and Applications
Pubbl/distr/stampa	Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022
Descrizione fisica	1 online resource (410 p.)
Soggetti	Mathematics and Science Research and information: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This volume deals with novel high-quality research results of a wide class of mathematical models with applications in engineering, nature, and social sciences. Analytical and numeric, deterministic and uncertain dimensions are treated. Complex and multidisciplinary models are treated, including novel techniques of obtaining observation data and pattern recognition. Among the examples of treated problems, we encounter problems in engineering, social sciences, physics, biology, and health sciences. The novelty arises with respect to the mathematical treatment of the problem. Mathematical models are built, some of them under a deterministic approach, and other ones taking into account the uncertainty of the data, deriving random models. Several resulting mathematical representations of the models are shown as equations and systems of equations of different types: difference equations, ordinary differential equations, partial differential equations, integral equations, and algebraic equations. Across the chapters of the book, a wide class of approaches can be found to solve the displayed mathematical models, from analytical to numeric techniques, such as finite difference schemes, finite volume methods, iteration schemes, and numerical integration methods.