1. Record Nr. UNINA9910254611503321

Autore	Gnedin Nickolay Y
Titolo	Star Formation in Galaxy Evolution: Connecting Numerical Models to Reality : Saas-Fee Advanced Course 43. Swiss Society for Astrophysics and Astronomy / / by Nickolay Y. Gnedin, Simon C. O. Glover, Ralf S. Klessen, Volker Springel ; edited by Yves Revaz, Pascale Jablonka, Romain Teyssier, Lucio Mayer
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2016
ISBN	3-662-47890-0
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (375 p.)
Collana	Saas-Fee Advanced Course, , 1861-7980 ; ; 43
Disciplina	523.88
Soggetti	Astrophysics Astronomy Astronomy—Observations Mathematical physics Cosmology Astrophysics and Astroparticles Astronomy, Observations and Techniques Theoretical, Mathematical and Computational Physics
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	Physical Processes in the Interstellar Medium -- High performance computing and numerical modelling -- Index.
Sommario/riassunto	This book contains the elaborated and updated versions of the 24 lectures given at the 43rd Saas-Fee Advanced Course. Written by four eminent scientists in the field, the book reviews the physical processes related to star formation, starting from cosmological down to galactic scales. It presents a detailed description of the interstellar medium and its link with the star formation. And it describes the main numerical computational techniques designed to solve the equations governing self-gravitating fluids used for modelling of galactic and extra-galactic systems. This book provides a unique framework which is needed to develop and improve the simulation techniques designed for

understanding the formation and evolution of galaxies. Presented in an accessible manner it contains the present day state of knowledge of the field. It serves as an entry point and key reference to students and researchers in astronomy, cosmology, and physics.

2. Record Nr. UNINA9910847581103321

Autore	Menge Moritz
Titolo	Building Bridges Starts in the Mind : Engineering - More than Technical Solutions / / by Moritz Menge
Pubbl/distr/stampa	Wiesbaden : , : Springer Fachmedien Wiesbaden : , : Imprint : Springer, , 2024
ISBN	3-658-44235-2
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (194 pages)
Disciplina	060
Soggetti	Engineering Civil engineering Architecture - History Architecture Buildings Technology and Engineering Civil Engineering Architectural History and Theory Building Types and Functions
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Being an engineer with composure -- Engineers and their responsibility -- Engineers and their drawer -- Engineers in the change of digitalisation -- Everyday professional life -- Engineers in construction and planning projects -- Engineers as managers -- Engineers and their error management -- Statics is not compatible with hecticness -- "Psyche" of statics -- Civil engineers too small in climate change -- Engineers and politicians -- Engineers and lawyers in the construction and planning process -- Engineers and sales -- Engineers and (their)

children.

Sommario/riassunto

Civil engineering is a rewarding field. Engineers design sustainable structures like houses, roads and bridges. We use our skills for robust solutions and go beyond mere technicality. The book explores civil engineers' broader environment and their profession from many angles. 'Building bridges starts in the mind' involves seeking connections to a holistic view of engineering. Being an engineer means more than just applying technology if you bridge effectively to the engineer’s environment. The author: Dipl.-Ing. Moritz Menge, born in Bonn in 1975, studied civil engineering at RWTH Aachen University and has since worked as a structural engineer, project manager and team leader in structural engineering for bridges, tunnels and buildings. He regularly publishes articles from these projects in the relevant specialist journals. The translation was done with the help of artificial intelligence. A subsequent human revision was done primarily in terms of content.