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Titolo	Truss and Frames : recent advances and new perspectives // edited by Aykut Kentli
Pubbl/distr/stampa	London : , : IntechOpen, , 2020 ©2020
Descrizione fisica	1 online resource (142 pages)
Disciplina	694.2
Soggetti	House framing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	This book presents the application of new techniques in analyzing truss and frame structures. The book contains two main sections: Numerical Analysis of Structures and Mass-Saving in Structures. Under each section, different approaches on the topic are given. Covered in these sections are dynamic stability analysis, design optimization considering vibration, FEM analysis, topology optimization methods, and recommendations to build lightweight structures. It is believed that this book will be helpful to its readers for new perspectives on the analysis of structures.