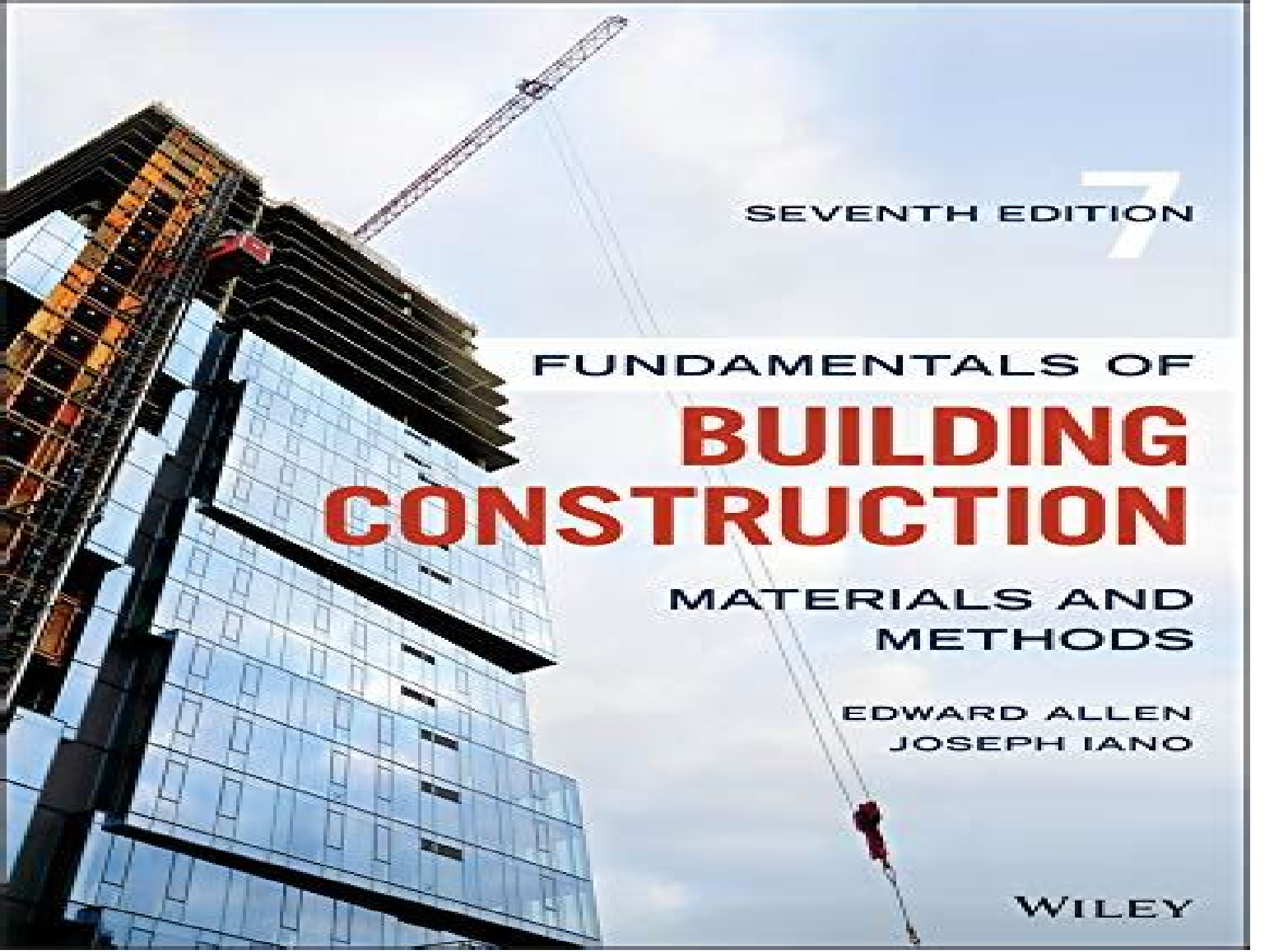




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Heterogeneous Constructions Aaron Forrest,Yasmin Vobis,Brett Schneider,2024-09-23 Sustainable circular up to date Most modern buildings are built from diverse materials but few confront their manifold composition as a question of both design and

performance This book takes a close look at a series of global building traditions and contemporary practices to uncover the possibilities and challenges of working with mixed materials Visually stunning color coded drawings reveal the materials and construction for every project Through case studies design experiments and writings the authors examine the opportunities of heterogeneous construction for contemporary sustainable circular and culturally situated architecture With contributions by Jeannette Kuo Ajay Manthripragada and Jes s Vassallo and photography by Naho Kubota Graphic design by Andrew LeClair Richly illustrated case studies of lesserknown hybrid construction techniques Beautiful graphic design and unique spot color printing reveal the interrelationships of materials in construction In depth essays that discuss the technical cultural and environmental implications of heterogeneous construction Fundamentals of Building Construction: Materials and Methods, 6e Edward Allen,2015-12-14 *Architecture Exam Review* Holly Williams Leppo,2007 Realistic practice exams for the 4 nonstructural divisions of the ARE simulate the actual exams through the format number of questions time limit and topics covered

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Basics Building Construction Bert Bielefeld, 2015 Each type of construction has its special characteristics which cannot be compared with those of other building materials The first building construction designs in the architectural curriculum are planned as masonry or timber buildings On the basis of these two traditional and elementary building materials students familiarize themselves with construction details and structural principles which are also the basis of construction with modern materials such as steel concrete and glass Basics Building Construction is clearly structured and focused and explains the characteristics of these important construction materials The book familiarizes the reader with the most common construction systems their rules and applications and enables architectural students to contemplate creative solutions that may also be outside the standardized solutions offered by the construction industry This compendium combines the successful individual volumes Timber Construction Masonry Construction and Glass Construction of the BASICS series in one book which has been expanded by the two new hitherto unpublished Steel Construction and Concrete Construction volumes

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