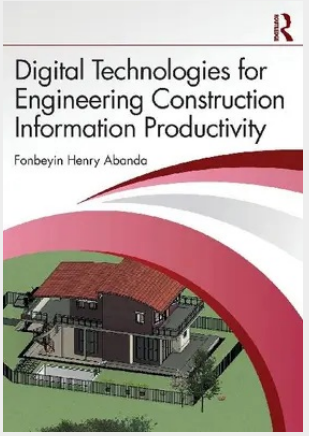
Abanda

Digital Technologies for Engineering Construction Information Productivity

Digital Technologies for Engineering Construction Information Productivity goes beyond other digital construction books by examining how emerging digital construction technologies and other popular technologies developed by, for example, Microsoft can be used in improving the productivity of construction information. The book discusses both the theory and practice through use-case illustrations in integrated software environments and successfully blends applications and workflows of construction technologies with more common and non-industry-specific software systems. It seeks to unleash the power of readily available digital technologies in optimizing the productivity of construction project information management. This book is essential for students, academics, educators, construction professionals, and construction software developers. For students, the book provides a solid foundation in understanding digital construction technologies including building information modelling (BIM) and some selected Microsoft Products and their applications in managing construction project information. For academics and educators, it will provide insights into research niches around integration of the different digital technologies and serve as a useful text for teaching at undergraduate and postgraduate levels in Architecture, Engineering, and Construction (AEC) subjects. Professionals will find this useful for the adoption of digital technologies in their own practice while software developers will find this beneficial in the development of interoperability software for efficient information exchange between the various software systems.



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