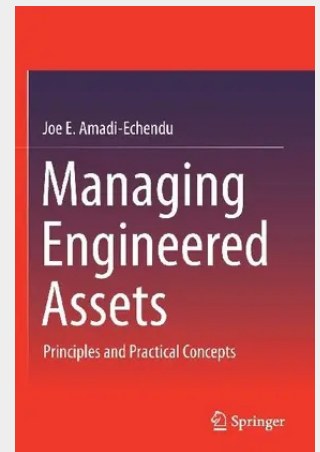


Managing Engineered Assets

Principles and Practical Concepts

This textbook deals with engineering, science, technical, legal, financial, ICT, logistics and people management topics necessary for managing engineered assets such as all man-made tools, gadgets, buildings, equipment, machines, infrastructure, large-scale physical and industrial facilities and systems which pervade all sectors of industry. By coalescing concepts, principles, practices, and practical issues from the relevant multi-disciplines, the book addresses the body of knowledge required for managing engineered assets in the 4IR and Society 5.0 era and beyond. The book is written for: - Scholars and students who intend to strengthen or acquire knowledge about the concepts, principles, and practice of managing engineered assets; - Managers of engineered assets in both the public and private sectors who aim to improve asset management practice for their organisational purposes and missions; - Policymakers and regulators in order to improve policymaking, governance, assessment and evaluation frameworks on the management of engineered assets; - The broader audience concerned about the sustainable management of engineered assets that constitute our built environment and provide the means for industry and livelihood.

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