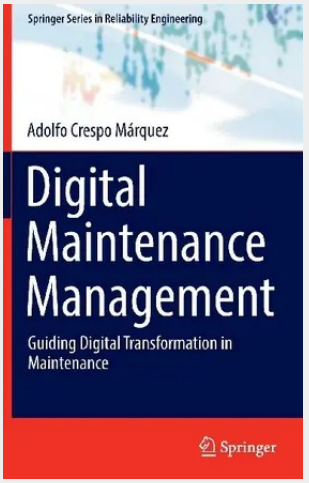
Crespo Márquez

Digital Maintenance Management

Guiding Digital Transformation in Maintenance



This book provides a thorough overview of the integration of cyber-physical systems and maintenance management models. It begins by explaining the fundamental concepts behind maintenance digital transformation. It discusses key decision areas in digital maintenance management, particularly focusing on strategic dimensions of maintenance, digital twin definition and strategy, and industry 4.0 digital tools frameworks to support emerging maintenance processes. Furthermore, the monograph dedicates time to the integration of digital maintenance with the entire digital factory.

By presenting the possibilities for asset utilization improvement and for asset value enhancements, *Digital Maintenance Management* provides engineers and practitioners responsible for the management of complex industrial assets a complete guide to piloting the maintenance digital transformation.

This book provides a thorough overview of the integration of cyber-physical systems and maintenance management models. It begins by explaining the fundamental concepts behind maintenance digital transformation. It discusses key decision areas in digital maintenance management, particularly focusing on strategic dimensions of maintenance, digital twin definition and strategy, and industry 4.0 digital tools frameworks to support emerging maintenance processes. Furthermore, the monograph dedicates time to the integration of digital maintenance with the entire digital factory. By presenting the possibilities for asset utilization improvement and for asset value enhancements, Digital Maintenance Management provides engineers and practitioners responsible for the management of complex industrial assets a complete guide to piloting the maintenance digital transformation.

149,79 €
139,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783030976590
Medium: Buch
ISBN: 978-3-030-97659-0
Verlag: Springer
Erscheinungstermin: 14.03.2022
Sprache(n): Englisch
Auflage: 1. Auflage 2022
Serie: Springer Series in Reliability Engineering
Produktform: Gebunden
Gewicht: 413 g
Seiten: 177
Format (B x H): 160 x 241 mm