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   Nota di contenuto   Industry 4.0-Connected Drives using OPC UA -- Conceptual Framework
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                         of Industry 4.0 -- Towards Socio-technical Network Analysis (STNA) in
                         the connected world of Industry 4.0 and Digital Manufacturing --
                         Intelligent Analytics for Factory Energy Efficiency -- Smart Multi-
                         Material Weight Tracking Resource Bin -- A Conceptual Model for Smart
                         Manufacturing Systems -- Casting Yield Improvement using Modeling
                         and Simulation Technique -- Comparison of Two Different Simulation
                         Methods for the Finite Element Analysis of Electromagnetic Forming
                         and Perforation (EMFP) of Tubes. .

   Sommario/riassunto   This book presents selected papers from the 1st International
                         Conference on Industry 4.0 and Advanced Manufacturing held at the
                         Indian Institute of Science, Bangalore and includes deliberations from
                         stakeholders in manufacturing and Industry 4.0 on the nature, needs,
                         challenges, opportunities, problems, and solutions in these
                         transformational areas. Special emphasis is placed on exploring
                         avenues for creating a vision of, and enablers for, sustainable,
                         affordable, and human-centric Industry 4.0. The book showcases
                         cutting edge practice, research, and educational innovation in this
                         crucial and rapidly evolving area. This book will be useful to
                         researchers in academia and industry, and will also be useful to

policymakers involved in creating ecosystems for implementation of Industry 4.0.