# Advanced Macroergonomics and Sociotechnical Approaches for Optimal Organizational Performance

Part of the Advances in Logistics, Operations, and Management Science
Book Series

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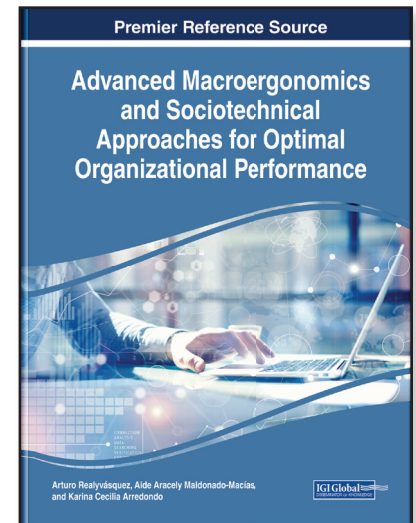
Description:

The overall design and strategies that create work systems within organizations must be evaluated and analyzed in order to ensure that all structures of a company are properly harmonized. Harmonizing all aspects of a company serves to optimize workflow and support all interactions between employees, machines, and software utilized by the company.

Advanced Macroergonomics and Sociotechnical Approaches for Optimal Organizational Performance provides emerging research exploring the theoretical and practical aspects of system harmonization and applications within macroergonomics. Featuring coverage on a broad range of topics such as stress-related conditions, organizational culture, and worker health, this book is ideally designed for ergonomists, human resource professionals, manufacturing engineers, industrial engineers, industrial designers, researchers, industry practitioners, research scientists, and academics seeking current research on the optimization of workflow and work systems.

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Topics Covered:

- Communication
- Error Identification
- Human Reliability
- Organizational Behavior
- Organizational Culture
- Psychosocial Work Factors
- Sociotechnical Systems
- Stress-Related Conditions
- Work Systems Design
- Worker Health

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