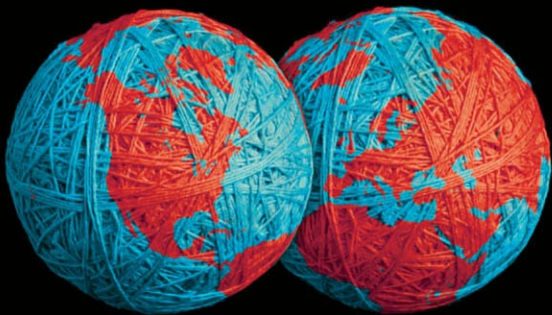


Pearson New International Edition

Work Systems: The Methods, Measurement
and Management of Work
Mikell P. Groover
First Edition



Pearson New International Edition

Work Systems: The Methods, Measurement
and Management of Work

Mikell P. Groover

First Edition

Work Systems: The Methods, Measurement & Management of Work

Table of Contents

Cover

Table of Contents

1. Introduction
2. Manual Work and WorkerMachine Systems
3. Work Flow and Batch Processing
4. Manual Assembly Lines
5. Logistics Operations
6. Service Operations and Office Work
7. Projects and Project Management
8. Introduction to Methods Engineering and Operations Analysis
9. Charting and Diagramming Techniques for Operations Analysis
10. Motion Study and Work Design
11. Facility Layout Planning and Design
12. Introduction to Work Measurement
13. Direct Time Study
14. Predetermined Motion Time Systems
15. Standard Data Systems
16. Work Sampling
17. Computerized Work Measurement and Standards Maintenance
18. Learning Curves
19. Lean Production
20. Six Sigma and Other Quality Programs
21. Introduction to Ergonomics and Human Factors
22. Physical Ergonomics: Work Physiology and Anthropometry
23. Cognitive Ergonomics: The Human Sensory System and Information Processing

Table of Contents

24. The Physical Work Environment
25. Occupational Safety and Health
26. Work Organization
27. Worker Motivation and the Social Organization at Work
28. Job Evaluation and Performance Appraisal
29. Compensation Systems
Appendix: Statistical Tables
Index