

1. Record Nr.	UNINA9911004774403321
Titolo	Ergonomics guidelines and problem solving / / edited by Anil Mital, Asa Kilbom, Shrawan Kumar
Pubbl/distr/stampa	Amsterdam ; ; New York, : Elsevier, 2000
ISBN	1-281-05871-8 9786611058715 0-08-053122-9
Edizione	[1st ed.]
Descrizione fisica	1 online resource (491 p.)
Collana	Elsevier ergonomics book series ; ; v. 1
Altri autori (Persone)	MitalAnil KilbomAsa KumarShrawan
Disciplina	620.8/2
Soggetti	Human engineering Industrial hygiene Industrial safety
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"This book is the outcome of three different invited symposia on ergonomics guidelines and problem solving held between 1991 and 1996"--P. v.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Ergonomics Guidelines and Problem Solving; Copyright Page; CONTENTS; Preface; Chapter 1. Task analysis: Part I - Guidelines for the practitioner; Chapter 2. Task analysis: Part II - The scientific basis (knowledge base) for the guide; Chapter 3. Allocation of functions to humans and machines in a manufacturing environment: Part I - Guidelines for the practitioner; Chapter 4. Allocation of functions to humans and machines in a manufacturing environment: Part II - The scientific basis (knowledge base) for the guide Chapter 5. Occupational and individual risk factors for shoulder-neck complaints: Part I - Guidelines for the practitionerChapter 6. Occupational and individual risk factors for shoulder-neck complaints: Part II - The scientific basis (literature review) for the guide; Chapter 7. Human muscle strength definitions, measurement, and usage: Part I - Guidelines for the practitioner; Chapter 8. Human muscle strength definitions, measurement, and usage: Part II - The scientific basis

(knowledge base) for the guide

Chapter 9. Repetitive work of the upper extremity: Part I - Guidelines for the practitioner

Chapter 10. Repetitive work of the upper extremity: Part II - The scientific basis (knowledge base) for the guide; Chapter

11. The reduction of slip and fall injuries: Part I - Guidelines for the practitioner; Chapter 12. The reduction of slip and fall injuries: Part II -

The scientific basis (knowledge base) for the guide; Chapter 13. Job

design for the aged with regard to decline in their maximal aerobic capacity: Part I - Guidelines for the practitioner

Chapter 14. Job design for the aged with regard to decline in their maximal aerobic capacity: Part II - The scientific basis for the

guide

Chapter 15. Design, selection and use of hand tools to alleviate trauma of the upper extremities: Part I - Guidelines for the practitioner;

Chapter 16. Design, selection and use of hand tools to alleviate trauma of the upper extremities: Part II - The scientific basis (knowledge base) for the guide; Chapter 17. Equipment design for maintenance: Part I -

Guidelines for the practitioner

Chapter 18. Equipment design for maintenance: Part II - The scientific basis for the guide

Chapter 19. Designing warning signs and warning labels: Part I - Guidelines for the practitioner; Chapter 20. Designing

warning signs and warning labels: Part II - Scientific basis for initial guidelines; Chapter 21. Vision at the workplace: Part I - Guidelines for the practitioner; Chapter 22. Vision at the workplace: Part II -

Knowledge base for the guide; Chapter 23. Evaluation and control of industrial inspection: Part I - Guidelines for the practitioner

Chapter 24. Evaluation and control of industrial inspection: Part II - The scientific basis for the guide

Sommario/riassunto

There is an urgent need to disseminate ergonomics "know-how" to the work place. This book meets that need by providing clear guidelines and problem solving recommendations to assist the practitioner in decisions that directly protect the health, safety and well-being of the worker. The guidelines have evolved from a series of symposia on Ergonomic Guidelines and Problem Solving. Initially experts in each area selected were asked to write draft guidelines. These guidelines were circulated to participants at the symposia and to other experts for review before being comprehended.
