Record Nr. UNINA9910299871403321 Autore Realyvasquez Arturo <1984-> Titolo Macroergonomics for Manufacturing Systems : An Evaluation Approach // by Arturo Realyvásquez Vargas, Aide Aracely Maldonado-Macias, Jorge Luis García-Alcaraz Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2018 ISBN 3-319-68684-4 Edizione [1st ed. 2018.] Descrizione fisica 1 online resource Collana Management and Industrial Engineering, , 2365-0540 Disciplina 620.82 Soggetti Industrial engineering Production engineering Industrial organization Production management Industrial and Production Engineering Industrial Organization Production Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references at the end of each chapters. Nota di contenuto Macroergonomics in Manufacturing Systems -- Macroergonomic Compatibility Factors -- Macroergonomic Compatibility Index for Manufacturing Systems. This book introduces the main concepts of manufacturing systems and Sommario/riassunto presents several evaluation approaches for these systems' evaluation. The relevant macroergonomics methods are summarized and the theoretical framework for Macroergonomic Compatibility construct is explained. This book presents a Macroergonomic Compatibility Model which proposes an instrument in the form of a Macroergonomic. The authors introduce a methodology to obtain a novel Macroergonomic Compatibility Index that enables manufacturing companies to assess and follow their progress on the implementation of macroergonomics

practices.