Record Nr. UNINA9910823225303321 **Titolo** Training cognition: optimizing efficiency, durability, and generalizability / / edited by Alice F. Healy, Lyle E. Bourne Jr Pubbl/distr/stampa New York,: Psychology Press, 2012 **ISBN** 1-280-88041-4 9786613721723 1-136-72458-3 1-136-72457-5 0-203-81678-1 Edizione [1st ed.] Descrizione fisica 1 online resource (361 p.) Altri autori (Persone) HealyAlice F BourneLyle Eugene <1932-> Disciplina 153 Soggetti Cognitive styles Employees - Training of Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Training Cognition Optimizing Efficiency, Durability, and Generalizability; Copyright; Contents; Preface; 1 Introduction: Training and its Cognitive Underpinnings; 2 Empirically Valid Principles of Training; 3 Basic Research on Training Principles; 4 Attention and Cognitive Resource Load in Training Strategies; 5 Acquisition and Transfer of Basic Skill Components: 6 How Cognitive Ability and Automation Influence Training Performance and Transfer; 7 Conducting Technology-Based Applied Training Research; 8 A New Taxonomy for **Training** 9 Cognitive Models of Training Principles and the Instance-Based Learning Tool10 Modeling Cognitive Tasks in IMPRINT: 11 Evaluation and Comparison of Models of Human Performance During Training; 12 A Compact Mathematical Model for Predicting the Effectiveness of Training: 13 Put the SPRINT in knowledge training: Training with SPacing, Retrieval, and INTerleaving; 14 Training for Real-World Job

Performance; 15 Cognitive Retraining Following Acquired Brain Injury;

16 Conclusions; Index

Sommario/riassunto

"This book describes research on training using cognitive psychology to build a complete empirical and theoretical picture of the training process. It includes a review of relevant cognitive psychological literature, a summary of recent laboratory experiments, a presentation of original theoretical ideas, and a discussion of possible applications to real-world training settings"--Provided by publisher.