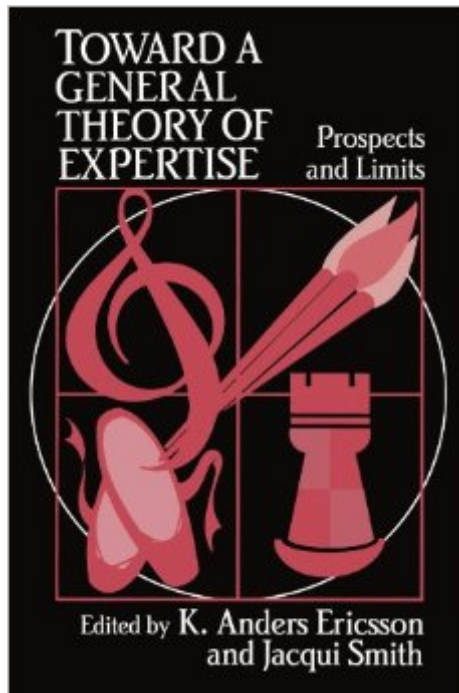


The book was found

Toward A General Theory Of Expertise: Prospects And Limits



Synopsis

During the past twenty years, our knowledge about expertise has dramatically increased. Laboratory analyses of chessmasters, experts in physics, medicine, international-level musicians, athletes, writers, and performance artists have allowed us to carefully examine the cognitive processes mediating outstanding performance in very diverse areas of expertise. These analyses have shown that expert performance is primarily a reflection of acquired skill resulting from the accumulation of domain-specific knowledge and methods during many years of training and practice rather than special innate talent. Confronted with universal limits of human information processing concerning memory capacity and speed of processing, expert performers are found to be able to acquire similar types of skills to circumvent these limits. General findings on expertise are systematized to lay the foundation of a general theory of expertise. In this book, many of the world's foremost scientists studying expert performance in specific domains of expertise review the state-of-the-art knowledge about expertise in these domains with the goal of identifying characteristics of expert performance that can be generalized across many different areas of expertise. These papers provide a comprehensive summary of general methods to study expertise and the current knowledge about expertise in chess, physics, medicine, sports, performing arts, music, writing, and decision-making. Most importantly, they reveal the existence of many general characteristics of expertise.

Book Information

Paperback: 360 pages

Publisher: Cambridge University Press; 1 edition (August 30, 1991)

Language: English

ISBN-10: 0934041962

ISBN-13: 978-0934041966

ASIN: 0521406129

Product Dimensions: 6 x 0.8 x 9 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars [See all reviews](#) (1 customer review)

Best Sellers Rank: #1,494,656 in Books (See Top 100 in Books) #315 in [Books > Medical Books > Psychology > Experimental Psychology](#) #372 in [Books > Health, Fitness & Dieting > Psychology & Counseling > Experimental Psychology](#) #515 in [Books > Medical Books > Psychology > Movements > Behaviorism](#)

Customer Reviews

Unfortunately for us, most work in psychology is either silly or uninteresting. Nobody cares much about the details of reaction times or about baseless speculation about underlying personality types. But Ericsson and his colleagues have set themselves a far more interesting problem: how do people are really good at something (experts) do it? Even better, they've made an impressive amount of progress. The book surveys impressive studies in fields like chess, physics, medicine, sports, music, reading, writing, managing, etc., each one using interesting tricks and techniques to try to get at what makes experts tick. This book dates from the very beginning of the project, but the promise of the early results is evident and the cast of mind impressive.

[Download to continue reading...](#)

Toward a General Theory of Expertise: Prospects and Limits Roads: An Anthropology of Infrastructure and Expertise (Expertise: Cultures and Technologies of Knowledge) Expertise in Nursing Practice, Second Edition: Caring, Clinical Judgment, and Ethics (Benner, Expertise in Nursing Practice) Ace General Chemistry I and II (The EASY Guide to Ace General Chemistry I and II): General Chemistry Study Guide, General Chemistry Review Ace General Chemistry I: The EASY Guide to Ace General Chemistry I: (General Chemistry Study Guide, General Chemistry Review) Training Manual for Delineation of the Outer Limits of the Continental Shelf Beyond 200 Nautical Miles for Preparation of Submissions to the Commission on the Limits of the Continental Shelf Ebersole & Hess' Toward Healthy Aging: Human Needs and Nursing Response, 8e (TOWARD HEALTHY AGING (EBERSOLE)) Clinical Anesthesia Procedures of the Massachusetts General Hospital: Department of Anesthesia, Critical Care and Pain Medicine, Massachusetts General ... of the Massachusetts General Hospital) BIG Income Expertise: How EVEN YOU can be an expert on ANYTHING and how to profit from it High-Strength Ceramics: A Collaboration of Science, Industry, Clinical, and Laboratory Expertise Windows 10: From Beginner To Expert: A Complete User Guide to Microsoft's Intelligent New Operating System (Now With Bonus Chapter) (Windows - General ... General Guide, Windows - General Mastery,) Needs and Prospects of Child and Adolescent Psychiatry Mental Health Information Systems: Problems and Prospects (Studies in Health and Human Services ; V. 1) Conversion Optimization: The Art and Science of Converting Prospects to Customers Prospects for Coal in Electric Power and Industry Nuclear Energy: Principles, Practices, and Prospects Declining Prospects: How Extraordinary Competition and Compensation Are Changing America's Major Law Firms Public Health at the Crossroads: Achievements and Prospects Rural America in a Globalizing World: Problems and Prospects for the

2010's (Rural Studies) The City in History: Its Origins, Its Transformations, and Its Prospects

[Dmca](#)