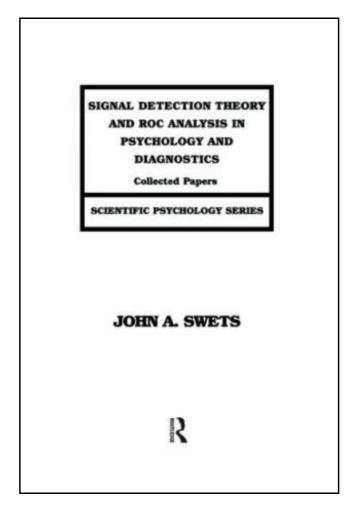
Signal Detection Theory and Roc Analysis in Psychology and Diagnostics: Collected Papers (Paperback)



Filesize: 8.04 MB

Reviews

Basically no phrases to clarify. It really is writter in straightforward phrases rather than hard to understand. You will not sense monotony at at any moment of your own time (that's what catalogues are for concerning if you ask me).

(Doris Beier)

SIGNAL DETECTION THEORY AND ROC ANALYSIS IN PSYCHOLOGY AND DIAGNOSTICS: COLLECTED PAPERS (PAPERBACK)



Taylor Francis Ltd, United Kingdom, 2016. Paperback. Book Condition: New. 229 x 152 mm. Language: English. Brand New Book ***** Print on Demand *****.Signal detection theory--as developed in electrical engineering and based on statistical decision theory--was first applied to human sensory discrimination 40 years ago. The theoretical intent was to provide a valid model of the discrimination process; the methodological intent was to provide reliable measures of discrimination acuity in specific sensory tasks. An analytic method of detection theory, called the relative operating characteristic (ROC), can isolate the effect of the placement of the decision criterion, which may be variable and idiosyncratic, so that a pure measure of intrinsic discrimination acuity is obtained. For the past 20 years, ROC analysis has also been used to measure the discrimination acuity or inherent accuracy of a broad range of practical diagnostic systems. It was widely adopted by methodologists in the field of information retrieval, is increasingly used in weather forecasting, and is the generally preferred method in clinical medicine, primarily in radiology. This book attends to both themes, ROC analysis in the psychology laboratory and in practical diagnostic settings, and to their essential unity. The focus of this book is on detection and recognition as fundamental tasks that underlie most complex behaviors. As defined here, they serve to distinguish between two alternative, confusable stimulus categories, which may be perceptual or cognitive categories in the psychology laboratory, or different states of the world in practical diagnostic tasks. This book on signal detection theory in psychology was written by one of the developers of the theory, who coauthored with D.M. Green the classic work published in this area in 1966 (reprinted in 1974 and 1988). This volume reviews the history of the theory in engineering, statistics, and psychology, leading to the separate measurement...

Read Signal Detection Theory and Roc Analysis in Psychology and Diagnostics: Collected Papers (Paperback) Online

Download PDF Signal Detection Theory and Roc Analysis in Psychology and Diagnostics: Collected Papers (Paperback)

See Also



History of the Town of Sutton Massachusetts from 1704 to 1876 (Paperback)

Createspace, United States, 2015. Paperback. Book Condition: New. annotated edition. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. This version of the History of the Town of Sutton Massachusetts...

Save Book »



Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner's Crochet Guide with Pictures) (Paperback)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Getting Your FREE Bonus Download this book, read it to the end and...

Save Book »



How to Make a Free Website for Kids (Paperback)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Table of Contents Preface Chapter # 1: Benefits of Having a Website Chapter...

Save Book »



Fart Book African Bean Fart Adventures in the Jungle: Short Stories with Moral (Paperback)

Createspace, United States, 2013. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Black White Illustration Version! BONUS - Includes FREE Dog Fart Audio Book for...

Save Book »



Patent Ease: How to Write You Own Patent Application (Paperback)

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Patent Ease! The new How to write your own Patent book for beginners!...

Save Book »