



## The influence of attention, learning, and motivation on visual search [

Dodd, Michael D.

Springer,  
2012

Electronic books

Monografía

"The Influence of Attention, Learning, and Motivation on Visual Search" will bring together distinguished authors who are conducting cutting edge research on the many factors that influence search behavior. These factors will include low-level feature detection; statistical learning; scene perception; neural mechanisms of attention; and applied research in real world settings

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**Título:** The influence of attention, learning, and motivation on visual search electronic resource] Michael D. Dodd, John H. Flowers, editors

**Editorial:** New York Springer 2012

**Descripción física:** 1 online resource (224 p.)

**Mención de serie:** Nebraska Symposium on Motivation

**Nota general:** Description based upon print version of record

**Bibliografía:** Includes bibliographical references and index

**Contenido:** ""Preface""; ""Acknowledgements""; ""Contributors""; ""Contents""; ""Introduction ""; ""Searching in Space and in Time ""; ""A Taxonomy of Attention""; ""Natural History of a Search Episode""; ""Searching in Space""; ""Searching in Time""; ""Searching in Space and Time: Some Comparisons""; ""The Nature of the Stimuli""; ""The Participants""; ""The Role(s) of Endogenous Attention in Time and Space""; ""Binding of Targets in Space and Time""; ""Conclusion""; ""References""; ""Automatic Control of Visual Selection ""; ""Introduction""; ""Defining Visual Selection""; ""Covert Selection"" ""Overt Selection"" ""Evidence for Automatic Selection""; ""Bottom-up Salience Based Selection""; ""Attentional Capture""; ""Oculomotor Capture""; ""Selection and Implicit Memory (Priming)""; ""Selection and Explicit Memory""; ""Selection and Reward""; ""Summary""; ""References""; ""Guidance of Visual Search by Memory and Knowledge ""; ""Guidance by Categorical Knowledge of Scene Types""; ""Guidance from the Learning of Scene Exemplars and Repeated Search""; ""Guidance from a Target Template""; ""Online Memory for the Search: Inhibition of Return""; ""Conclusions""; ""References"" ""Reward and Attentional Control in Visual Search "" ""Learned Value Modulates

Saliency-Based Attentional Capture"; "Physically Inconspicuous Items Previously Associated With Reward Capture Attention"; "Reward at Test can Magnify Value-Driven Attentional Capture"; "Discussion"; "References"; "Statistical Learning and Its Consequences"; "Introduction"; "Statistical Regularities in the Visual Environment"; "Physical Regularities"; "Semantic Regularities"; "Token Regularities"; "Studying Statistical Learning"; "Where It All Started: Auditory Statistical Learning" "Temporal Visual Statistical Learning" "Spatial Visual Statistical Learning"; "Aside: Other Related Kinds of Learning"; "The Nature of Statistical Learning"; "When Does Learning Take Place?"; "Does Task-Relevance Guarantee Learning?"; "Aside: The Quest for a Great Cover Task"; "What Happens During Learning?"; "How Does Learning Handle Real-World Complexity?"; "How Flexible Is Learning?"; "Consequences of Statistical Learning"; "Anticipation"; "Shifting Modes of Attention"; "Biasing Locations in Space"; "Conclusions"; "References" "Overcoming Hurdles in Translating Visual Search Research Between the Lab and the Field" "General Introduction"; "Overview of Visual Search"; "A Brief History of Visual Search Research"; "Early Evidence from Non-Human Visual Searchers"; "Early Evidence from Human Visual Searchers"; "Bridging the Gap Between the Lab and the Field"; "Target Prevalence"; "Number of Targets and Number of Target Categories"; "Multiple-Category Visual Search"; "Multiple-Target Visual Search Findings from the Lab"; "Multiple-Target Search in Radiology: ``Satisfaction of Search"" "Motivation and Anxiety"

**Lengua:** English

**ISBN:** 1-4614-4794-1 1-283-93370-5

**Materia:** Visual perception Vista

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**Enlace a serie principal:** (CKB)954927614948

**Enlace a formato físico adicional:** 1-4614-4793-3 1-4899-8949-8

**Punto acceso adicional serie-Título:** Nebraska Symposium on Motivation

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