

<<Attention and Perfor>>

图书基本信息

书名：<<Attention and Performance in Computational Vision计算视觉的注意与执行/会议录>>

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内容概要

This book constitutes the thoroughly refereed post-proceedings of the Second International Workshop on Attention and Performance in Computational Vision, WAPCV 2004, held in Prague, Czech Republic in May 2004. The 16 revised full papers presented together with an invited paper were carefully selected during two rounds of reviewing and improvement. The papers are organized in topical sections on attention in object and scene recognition, architectures for sequential attention, biologically plausible models for attention, and applications of attentive vision.

书籍目录

Attention in Object and Scene Recognition Distributed Control of Attention Inherent Limitations of Visual Search and the Role of Inner-Scene Similarity Attentive Object Detection Using an Information Theoretic Saliency Measure Architectures for Sequential Attention A Model of Object-Based Attention That Guides Active Visual Search to Behaviourally Relevant Locations Learning of Position-Invariant Object Representation Across Attention Shifts Combining Conspicuity Maps for hROIs Prediction Human Gaze Control in Real World Search Biologically Plausible Models for Attention The Computational Neuroscience of Visual Cognition: Attention, Memory and Reward Modeling Attention: From Computational Neuroscience to Computer Vision Towards a Biologically Plausible Active Visual Search Model Modeling Grouping Through Interactions Between Top-Down and Bottom-Up Processes: The Grouping and Selective Attention for Identification Model (G-SAIM) TarzaNN: A General Purpose Neural Network Simulator for Visual Attention Modeling Applications of Attentive Vision Visual Attention for Object Recognition in Spatial 3D Data A Visual Attention-Based Approach for Automatic Landmark Selection and Recognition Biologically Motivated Visual Selective Attention for Face Localization Accumulative Computation Method for Motion Features Extraction in Active Selective Visual Attention Fast Detection of Frequent Change in Focus of Human Attention Author Index

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