

PERCEPTION & PSYCHOPHYSICS

EDITOR:

Neil A. Macmillan, *Brooklyn College, CUNY*

ASSOCIATE EDITORS:

George J. Andersen, *University of California, Riverside*

Carol M. Cicerone, *University of California, Irvine*

John M. Henderson, *Michigan State University*

Albrecht Inhoff, *State University of New York, Binghamton*

Bruce A. Schneider, *University of Toronto, Erindale Campus*

Kimron Shapiro, *University of Wales, Bangor*

Jeremy M. Wolfe, *Brigham and Women's Hospital*

A PSYCHONOMIC
SOCIETY
PUBLICATION

IN THIS ISSUE:

SYMPOSIUM ON ASYMMETRIES IN VISUAL SEARCH

JEREMY M. WOLFE

Asymmetries in Visual Search: An Introduction 381

ASYMMETRIES IN DIFFERENT FEATURE SPACES

ÁRNI KRISTJÁNSSON & PETER ULRIC TSE

Curvature Discontinuities Are Cues for Rapid Shape Analysis 390

LUC BOUTSEN & CHRISTIAN MARENDAZ

Detection of Shape Orientation Depends on Salient Axes
of Symmetry and Elongation: Evidence From Visual Search 404

DANIEL T. LEVIN & BONNIE L. ANGELONE

Visual Search for a Socially Defined Feature:
What Causes the Search Asymmetry Favoring Cross-Race Faces? 423

CONSTANCE S. ROYDEN, JEREMY M. WOLFE, & NICOLE KLEMPEN

Visual Search Asymmetries in Motion and Optic Flow Fields 436

FRED H. PREVIC & PETER D. NAEGELE

Target-Tilt and Vertical-Hemifield Asymmetries
in Free-Scan Search for 3-D Targets 445

ASYMMETRIES FOR FAMILIAR STIMULI AND LEARNED FEATURES

PETER MALINOWSKI & RONALD HÜBNER

The Effect of Familiarity on Visual-Search Performance:
Evidence for Learned Basic Features 458

JIYE SHEN & EYAL M. REINGOLD

Visual Search Asymmetry:
The Influence of Stimulus Familiarity and Low-Level Features 464

THEORY

RUTH ROSENHOLTZ

Search Asymmetries? What Search Asymmetries? 476

GENERAL ARTICLES

KRISTEN PAMMER & W. LOVEGROVE

The Influence of Color on Transient System Activity:
Implications for Dyslexia Research 490

(Continued on back cover)

PETER HOWELL & KATHARINA DWORZYNSKI Strength of German Accent Under Altered Auditory Feedback	501
HASAN GÜRKAN TEKMAN Accenting and Detection of Timing Variations in Tone Sequences: Different Kinds of Accents Have Different Effects	514
LORRAINE G. ALLAN & KRIS GERHARDT Temporal Bisection With Trial Referents	524
MARION LUYAT, EDOUARD GENTAZ, TONY REGIA CORTE, & MICHEL GUERRAZ Reference Frames and Haptic Perception of Orientation: Body and Head Tilt Effects on the Oblique Effect	541

NOTES AND COMMENT

JEFF MILLER, ROLF ULRICH, & YVES LAMARRE Locus of the Redundant-Signals Effect in Bimodal Divided Attention: A Neurophysiological Analysis	555
DAVID M. JACOBS & CLAIRE F. MICHAELS Individual Differences and the Use of Nonspecifying Variables in Learning to Perceive Distance and Size: Comments on McConnell, Muchisky, and Bingham (1998)	563
GEOFFREY P. BINGHAM, DANIEL S. MCCONNELL, & MICHAEL M. MUCHISKY Commentary on Jacobs and Michaels (2001): Calibration and Perceptual Learning in Event Perception	572

NOTICES AND ANNOUNCEMENTS

Psychonomic Society Journals on Line	575
--	-----