

Forthcoming Articles

The following is a list of *Perception & Psychophysics* articles that are currently in press. They are given in approximate order of acceptance. Each entry includes the initials (in parentheses) and address of the author with whom to communicate for further prepublication information. The author's e-mail address is also listed, if available.

Discriminating the volume of motion-defined solids.

H.A.H. VAN VEEN, A.M.L. KAPPERS, J.J. KOENDERINK, & P. WERKHOVEN—
(H.A.H.V.) Helmholtz Instituut, Universiteit Utrecht, Princetonplein 5, 3584 CC Utrecht, The Netherlands;
h.j.vanveen@fys.ruu.nl

The temporal structure of spoken sentence comprehension in Chinese.

P. LI—
(P.L.) Dept. of Psychology, Chinese Univ. of Hong Kong, Shatin, N.T., Hong Kong; ping@psy.cuhk.hk

The gap effect for eye and hand movements.

H. BEKKERING, J. PRATT, & R.A. ABRAMS—
(H.B.) Max-Planck-Inst. for Psychol. Research, Leopoldstr. 24, D-80802 München, Germany;
bekkering@mpipf-muenchen.mpg.de

Vector coding in slow goal-directed arm movements.

J.B. DE GRAAF, J.J.D. VAN DER GON, & A.C. SITTING—
(J.B.D.) INSERM CJF 90-12, Clinique Neurologique, 35, Rue Henri Guillaoux, 35033 Rennes, France;
degraaf@arles.univ-rennes1.fr

Preattentive texture segmentation: The role of line terminations, size, and filter wavelength.

B.S. RUBENSTEIN & D. SAGI—
(D.S.) Neurobiology, Brain Research, The Weizmann Inst. of Science, P.O. Box 26, Rehovot 76100, Israel;
dubi@nisan.weizmann.ac.il

Halving and doubling isometric force: Evidence for decelerating psychophysical function consistent with an equilibrium-point model of motor control.

C.L. VAN DOREN—
(C.L.V.) MetroHealth Medical Ctr., H601, 2500 MetroHealth Dr., Cleveland, OH 44109; clv2@po.cwru.edu

Measuring the difference limen for identification of order of onset for complex auditory stimuli.

R.E. PASTORE & S.M. FARRINGTON—
(R.E.P.) Dept. of Psychology, SUNY-Binghamton, Binghamton, NY 13902-6000; pastore@cc.binghamton.edu

Involuntary attentional shifts due to orientation differences.

J.S. JOSEPH & L.M. OPTICAN—
(J.S.J.) Dept. of Psychology, Harvard Univ., Cambridge, MA 02138; jsj@isr.harvard.edu

Effects of high-pass and low-pass spatial filtering on face identification.

N.P. COSTEN, D.M. PARKER, & I. CRAW—
(N.P.C.) ATR Human Information, Processing Research Lab., 2-2 Hikaridai, Seika-cho Soraku-gun,
Kyoto 619-02, Japan; costen@hip.atr.co.jp

Human performance on the traveling salesman problem.

J.N. MACGREGOR & T. ORMEROD—
(J.N.M.) School of Public Adm., Univ. of Victoria, P.O. Box 1700, Victoria, BC, Canada V8W 2Y2;
t.ormerod@lancaster.ac.uk

The visual perception of rigid motion from constant flow fields.

V.J. PEROTTI, J.T. TODD, & J.F. NORMAN—
(V.J.P.) Dept. of Psychology, Ohio State Univ., 201 Lazenby Hall, Columbus, OH 43210-1222;
perotti.2@osu.edu

Spatial distribution of visual attention: Perceptual sensitivity and response latency.

T.C. HANDY, A. KINGSTONE, & G.R. MANGUN—
(G.R.M.) Ctr. for Neuroscience, Univ. of California, Davis, CA 95616; grmangun@ucdavis.edu

The nature and duration of adaptation following long-term odor exposure.

P. DALTON & C.J. WYSOCKI—

(P.D.) Monnell Chemical Senses Ctr., 3500 Market St., Philadelphia, PA 19104;
pdalton@pobox.upenn.edu**Discrimination of vibrotactile frequencies in a delayed pair comparison task.**

R.J. SINCLAIR & H. BURTON—

(R.J.S.) Dept. of Anatomy & Neurobiology, Washington Univ. School of Medicine, Box 8108, 660 S. Euclid, St. Louis, MO 63110; bob@touch.wustl.edu

Perception of local orientation from shaded images.

F.E. POLLICK, H. WATANABE, & M. KAWATO—

(F.E.P.) ATR Human Info. Processing Research Lab., 2-2 Hikaridai, Seika-cho, Soraku-gun, Kyoto 619-02, Japan; fpollick@hip.atr.co.jp

Intensity resolution and subjective magnitude in psychophysical scaling.

L.M. WARD, J. ARMSTRONG, & N. GOLESTANI—

(L.M.W.) Dept. of Psychology, 2136 West Mall, Univ. of British Columbia, Vancouver, BC, Canada V6T 1Z4; lward@cortex.psych.ubc.ca

An investigation of the gate control theory of pain using the experimental pain stimulus of potassium iontophoresis.

S. HUMPHRIES, M.H. JOHNSON, & N.R. LONG—

(S.H.) Dept. of Psychology, Massey Univ., Palmerston North, New Zealand; s.a.humphries@massey.ac.nz

Effects of harmonics on relative pitch discrimination in a musical context.

L.J. TRAINOR—

(L.J.T.) Dept. of Psychology, McMaster Univ., Hamilton, ON, Canada L8S 4K1; lj@mcmaster.ca

The missing fundamental in vowel height perception.

R.P. FAHEY & R.L. DIEHL—

(R.L.D.) Dept. of Psychology, 330 Mezes, Univ. of Texas, Austin, TX 78712; diehl@psy.utexas.edu

Determinants of cumulative successive contrast in saltiness intensity judgments.

H.N.J. SCHIFFERSTEIN & I.M. OUDEJANS—

(H.N.J.S.) TNO Nutrition & Food Research Inst., P.O. Box 360, 3700 AJ Zeist, The Netherlands;
schifferstein@voeding.tno.nl**The effect of polar projection on the perception of Euclidean structure from motion.**

E. BÖRJESSON & M. LIND—

(E.B.) Dept. of Psychology, Box 1854, S-751 48 Uppsala, Sweden; erik.borjesson@psyk.uu.se

Endogenous visual-spatial precuing effects as a function of age and task demands.

D.J. TELLINGHUISEN, L.D. ZIMBA, & D.A. ROBIN—

(L.D.Z.) Dept. of Speech Pathology & Audiology, University of Iowa, 13 WJSHC, Lab of Speech & Language Neuroscience, Iowa City, IA 52242-1407; lynn-zimba@uiowa.edu

Speeded detection of vowels: A cross-linguistic study.

A. CUTLER, B. VAN OOUJEN, D. NORRIS, & R. SANCHEZ-CASAS—

(A.C.) Max-Planck-Institut für Psycholinguistik, Wundtlaan 1, 6525 XD Nijmegen, The Netherlands;
anne.cutler@mpi.nl**Binaural release from temporal induction.**

M. KASHINO & R.M. WARREN—

(M.K.) NTT Basic Research Lab., Info. Sci. Research Lab., 3-1, Morinosato Wakamiya, Atsugi, Kanagawa 243-01 Japan; kashino@av-hp.brl.ntt.jp

Mindless reading revisited: Eye movements during reading and scanning are different.

K. RAYNER & M.H. FISCHER—

(K.R.) Dept. of Psychology, Tobin Hall, Univ. of Massachusetts, Amherst, MA 01003;
rayner@psych.umass.edu**“Inhibition of return” is not detected using illusory line motion.**

W.C. SCHMIDT—

(W.C.S.) Dept. of Psychology, Dalhousie Univ., Halifax, NS, Canada B3H 4J1; wcs@is.dal.ca

Perceptual integrity of major chord components.

B.E. ACKER & R.E. PASTORE—

(B.E.A.) Psychoacoustics & Auditory Cog. Lab., Dept. of Psychology, Binghamton Univ., Binghamton, NY 13902-6000; bb31074@bingvmb.bitnet

Inhibition of naming by rhyming primes.

G. LUKATELA & M.T. TURVEY—

(G.L.) Haskins Laboratories, 270 Crown St., New Haven, CT 06511-6695;
lukatela@uconn.vm.uconn.edu**Human heading judgments in the presence of moving objects.**

C.S. ROYDEN & E.C. HILDRETH—

(C.S.R.) Dept. of Computer Science, Wellesley College, Wellesley, MA 02181; croyden@wellesley.edu

Multiple-element line segment precues: Orientation and location effects on attention.

G. CHASTAIN—

(G.C.) Dept. of Psychology, Boise State Univ., Boise, ID 83725; rpschast@idbsu.idbsu.edu

A simulated “cocktail party” with up to three sound sources.

W.A. YOST, R.H. DYE, & S. SHEFT—

(W.A.Y.) Parml Hearing Inst., Loyola Univ. of Chicago, 6526 N. Sheridan Rd., Chicago, IL 60626;
wyost@luc.edu**Perceptual normalization for speaking rate: Effects of temporal distance.**

R.S. NEWMAN & J.R. SAWUSCH—

(R.S.N.) Dept. of Psychology, Park Hall, SUNY at Buffalo, Buffalo, NY 14260;
rochelle@art.fss.buffalo.edu**Limits on phonetic integration in duplex perception.**

D.H. WHALEN & A.M. LIBERMAN—

(D.H.W.) Haskins Laboratories, 270 Crown St., New Haven, CT 06511-6695; whalen@haskins.yale.edu

Effects of a visual frame and of low radial accelerations on the visually perceived eye level.

C. RAPHEL, P.-A. BARRAUD, C. KOESSLER, & C. CAIN—

(C.R.) Ctr. de Recherches du Service de Santé des Armées, Unité de Psychologie - B.P. 87, 38702 La
Tronche Cedex, France**Additional rules for the transformed up–down method of psychophysics.**

L.G. BROWN—

(L.G.B.) Dept. of Psychology, Johns Hopkins Univ., 3400 N. Charles St., Baltimore, MD 21218;
lgb@trolland.psy.jhu.edu**Subitizing and counting depend on different attentional mechanisms: Evidence from visual enumeration in afterimages.**

T.J. SIMON & S. VAISHNAVI—

(T.J.S.) School of Psychology, Georgia Inst. of Technology, Atlanta, GA 30332-0170;
tony.simon@psych.gatech.edu**Control of fixation duration in a simple search task.**

I.T.C. HOOGE & C.J. ERKELENS—

(I.T.C.H.) Helmholtz Instituut, Univ. Utrecht, Princetonplein 5, 3584 CC Utrecht, The Netherlands;
i.hooge@fys.ruu.nl**Locus equations as phonetic descriptors of consonantal place of articulation.**

H.M. SUSSMAN & J. SHORE—

(H.M.S.) Dept. of Linguistics, Univ. of Texas, Austin, TX 78712; sussman@mail.utexas.edu

Gender priming in Italian.

E. BATES, A. DEVESCOVI, A. HERNANDEZ, & L. PIZZAMIGLIO—

(E.B.) Univ. of California, San Diego, 9500 Gilman Dr., 0526, La Jolla, CA 92093-0526;
meiti@crl.ucsd.edu**Memory for musical tempo: Additional evidence that auditory memory is absolute.**

D.J. LEVITIN & P.R. COOK—

(D.J.L.) Dept. of Psychology 1227, Univ. of Oregon, Eugene, OR 97403-1227;
levitin@cogsci.uoregon.edu**The situational effects on haptic perception of rod length.**

T.-C. CHAN—

(T.-C.C.) Dept. of Psychology, The Chinese Univ. of Hong Kong, Shatin, New Territories, Hong Kong;
tcchan@cuhk.hk**Touch dominates haptic estimates of discordant visual–haptic size.**

W.A. HERSHBERGER & G.F. MISCEO—

(W.A.H.) Dept. of Psychology, Northern Illinois Univ., DeKalb, IL 60115; wah@niu.edu

What determines the detection of changes in motion velocity? Comment on Dzhafarov, Sekuler and Allik (1993).

J. HOHNSBEIN, G. DIMITROV, & S. MATEEFF—

(J.H.) Institut für Arbeitsphysiologie, an der Universität Dortmund, Ardeystr. 67, D-44139 Dortmund, Germany; hohnsbein@arb-phys.uni-dortmund.de

Spectral discontinuities and the vowel length effect.

A.J. LOTTO, K.R. KLUENDER, & K.P. GREEN—

(A.J.L.) Dept. of Psychology, 1202 W. Johnson St., Univ. of Wisconsin, Madison, WI 53706; alotto@macc.wisc.edu

Gravitational acceleration as a cue for absolute size and distance?

H. HECHT, M.K. KAISER, & M.S. BANKS—

(M.K.K.) Mail Stop 262-2, NASA-Ames Research Ctr., Moffett Field, CA 94035; moose@eos.arc.nasa.gov

Observer weighting of interaural delays in filtered impulses.

K. SABERI—

(K.S.) Research Lab. of Electronics 36-765, MIT, Cambridge, MA 02139; kourosh@mit.edu