

## SENSORY ANALYSIS D. Laming

1986, 307pp., \$72.00/£45.00 (UK only), ISBN: 0-12-435455-6

This book provides a more succinct and wide-ranging synthesis of experimental findings in sensory discrimination than has been available hitherto. Further to this, an original, quantitative theory of the natural phenomena in this field is developed, drawing these findings tightly together. Within this theoretical framework a set of mutually consistent models evolve for a wide variety of experiments conducted in different sensory modalities.

**CONTENTS:** Weber's Law. Methods of Measuring Discriminative Sensitivity. Signal-Detection Theory. Discriminability and Detectability Functions. The Differential Coupling of Sensory Discrimination. The Square Law Transform in the Detection of Small Increments. Temporal and Spatial Summation at Threshold. Negative Masking. Difference and Increment Threshold Characteristics. Discrimination of the Amplitudes of Pure Tones. The Detection of Sinusoidal Gratings. Discrimination of Contrast. Some Principles of Sensory Analysis. The Statistics of Gaussian Noise. The Detection and Discrimination of Small Stimuli. References.

## CLINICAL NEUROCHEMISTRY Volumes 1 and 2

Edited by H.S. Bachelard, G.G. Lunt and C.D. Marsden

Volume 1: 1986, 263pp., \$49.50/£31.00 (UK only), ISBN: 0-12-070101-4 Volume 2: 1986, 184pp., \$45.00/£26.50 (UK only), ISBN: 0-12-170102-2

**CONTENTS OF VOLUME 1:** E.D. Bird and J.T. Coyle, Huntingdon's Disease. R. Harrison and P.O. Behan, Myasthenia Gravis. Index.

The review of Huntingdon's Disease features sections on historical, genetic, neuropathological, clinical and neurochemical studies, including the latest information on recombinant DNA work in the disease. The extensive nature of the neurochemical investigation should encourage parallel investigations in other disorders. The review of myasthenia gravis includes review and assessment of existing theories of the immunopathology of the disease and recent advances both in cellular immunology and the structure of the autoantigen, the acetylcholine receptor, as a result of the cloning of all four of its subunits. Myasthenia gravis serves as the model for autoimmunity studies and this material has wider implications than those restricted to the disease itself.

**CONTENTS OF VOLUME 2:** J.M. Kellett and H.S. Bachelard, Senile Dementia. D.A.S. Compston, M.L. Cuzner and A.N. Davison, Clinical Features and Pathophysiology of Demyelinating Diseases. Index.

The review of senile dementia has a combined clinical (epidemiology, diagnosis and management) and biochemical viewpoint on Alzheimer's Disease, which is not only very common but also has serious economic consequences. The review of the demyelinating disorders covers the clinical, epidemiological, genetic neurochemical, neuropathological and immunological approaches and combines these various independent contributions towards a fuller understanding of multiple sclerosis and related disorders.

Prices subject to change without notice

24-28 OVAL ROAD, LONDON NW1 7DX, ENGLAND • ORLANDO, FLORIDA 32887, U.S.A.

<u>30</u>	OKS AND JOURNALS
	emic Press publishes books and journals in y areas of Science including:
<ul> <li>Aco Auo</li> </ul>	oustics, Agriculture, Anatomy, Anthropology, Archaeology diology
● Cai ● Eco	ochemistry, Biology, Botany ncer research, Cardiology, Chemistry, Computer science onomics, Engineering, Environmental science
• Ge	od Science ography, Geology munology
• Ma	nunology Iterials technology, Mathematics, Microbiology uroscience, Nutrition
• Pat	icology, Ornithology thology, Pharmacology, Physics, Physiology, Psychiatry, ychology
• Rel	
	ciology, Speech, Surgery
	xicology
• Vir	
• Zoo	ology
the foll	send me information on books/journals ( <i>delete as necessary</i> ) in lowing areas:
	ciences Physical Sciences
Media	cine Social and Behavioural Sciences
Please	e send me details of new publications on:
Name	
Addre	SS
	Post Code

## Instructions to Authors

1. Submission. Articles, written in English and not submitted for publication elsewhere, should be sent to Dr A. Desmond Poole, Department of Mental Health, The Queen's University of Belfast, Windsor House, Belfast City Hospital, Belfast BT9 7AB, Northern Ireland.

2. Manuscript preparation. Four complete copies of the manuscript must be submitted. Original figures should be supplied at the time of submission. Articles must be typed double-spaced throughout on standard sized paper (preferably A4) allowing wide margins all round. Where unpublished material, e.g. behaviour rating scales, therapy manuals, etc is referred to in an article, copies should be submitted to facilitate review.

Manuscripts will be sent out for review exactly as submitted. Authors who want a blind review should mark two copies of their article "review copy" omitting from these copies details of authorship.

Abbreviations where used must be standard. The Système Internationale (SI) should be used for all units; where metric units are used the SI equivalent must also be given. Probability values and power statistics should be given with statistic values and degrees of freedom [e.g. F(1,34) = 123.07, P < 0.001], but such information should preferably be included in tables rather than the main text.

Spelling must be consistent within an article, either using British usage (*The Shorter Oxford English Dictionary*), or American usage (*Webster's New Collegiate Dictionary*). However, spelling in the list of references must be literal to each original publication.

Details of style not specified here may be determined by reference to the *Publication Manual of the American Psychological Association* or the *Style Manual for Biological Journals*.

Articles should conform to the following scheme:

- (a) *Title page.* The title should phrase concisely the major issues. Author(s) to be given with departmental affiliations and addresses, grouped appropriately. A running head of no more than 40 characters should be indicated.
- (b) Summary. This should summarize the article in no more than 200 words.
- (c) Text. This should begin with an introduction, succinctly introducing the point of the paper to those interested in the general area of the journal. References within the text should be given in the form Jones and Smith (1973). Three or more authors should be given as Williams et al. (1973). Authors of the same surname should be distinguished by their initials. The approximate positions of tables and figures should be indicated in the text. Footnotes should be avoided where possible.
- (d) Reference note(s). A list of all cited unpublished or limited circulation material, numbered in order of appearance in the text, giving as much information as possible about extant manuscripts.
- (e) References. All citations in the text should be listed in strict alphabetical order according to surnames. Multiple references to the same author should be listed chronologically, using a, b, etc., for entries within the same year. Formats for journal articles, books and chapters should follow these examples:

BECKER, M. R. and GREEN, L. W. (1975). A family approach to compliance with medical treatment: A selective review of the literature. *International Journal of Health Education* 18, 173–182. THORP, R. G. and WETZEL, R. J. (1969). *Behaviour Modification in the Natural Environment*. New York: Academic Press.

ROSKIES, E. and LAZARUS, R. S. (1980). Coping theory and the teaching of coping skills. In *Behavioural Medicine: Changing Health Lifestyles*, P. O. Davidson and S. M. Davidson (Eds), New York: Brunner/Mazel.

- (f) Footnotes. The first, and preferably only, footnote will appear at the foot of the first page of each article, and subsequently may acknowledge previous unpublished presentation (e.g. dissertation, meeting paper), financial support, scholarly or technical assistance, or a change in affiliation. Its concluding (or only) paragraph must be the name and full mailing address of the author to whom reprint requests or other inquires should be sent.
- (g) Tables. Tables should be numbered and given explanatory titles.
- (h) Figure captions. Numbered captions should be typed on a separate page.
- (i) *Figures*. Original drawings or prints must be submitted for each line or half-tone illustration. Figures should be clearly labelled.

3. Proofs, Reprints and Copyright. Proofs of accepted articles will be sent to authors for the correction of printers' errors; author's alterations may be charged. Authors submitting a manuscript do so on the understanding that if it is accepted for publication exclusive copyright in the paper shall be assigned to the Society. In consideration of the assignment of copyright, 25 copies of each paper will be supplied. Further reprints may be ordered at extra cost; the copyright form and the reprint order form will be sent with the proofs. The publishers will not put any limitation on the personal freedom of the author to use material contained in the paper in other works.

## CONTENTS

BENNUN, I. Behavioural Marital Therapy: A Critique and Appraisal of Integrated Models	1
AGER, A. Minimal Intervention: A Strategy for Generalized Beha- viour Change with Mentally Handicapped Individuals	16
JANSSON, L., ÖST, L-G. and JERREMALM, A. Prognostic Factors in the Behavioral Treatment of Agrophobia	31
TARRIER, N. and BARROWCLOUGH, C. A Longitudinal Psychophy- siological Assessment of a Schizophrenic Patient in Relation to the Expressed Emotion of his Relatives	45
BENTALL, R. P., HIGSON, P. J. and LOWE, C. F. Teaching Self- Instructions to Chronic Schizophrenic Patients: Efficacy and Generalization	58
CLINICAL/BRIEF REPORTS	
LELLIOTT, P. and MARKS I. Management of Obsessive-Compulsive Rituals Associated with Delusions, Hallucinations and Depress- ion: A Case Report	77
KENNEDY, F. Teaching Dietitians to use Psychological Techniques with Obese Clients	88
Acknowledgements	100
CORRESPONDENCE GURNANI, P. D. and WANG, M	101
Book Reviews	104