
This book contains the lectures and research papers presented at a conference sponsored by the Indiana University and the American Optometric Association, which was held in 1968. It was very well-attended and leading visual scientists from the United States and other countries contributed to the programme.

Some 27 papers are included in this volume, giving a broad coverage of the subject and providing an interesting summary of the state of the art 3 years ago. The papers are grouped into four sections as follows: Physiological Optics; Neuropsychological and Behavioral Aspects of Colour Vision; Behavioral Aspects of Vision; Clinical and Applied Aspects of Visual Science. There is also an introductory paper on the "Status of Physiological Optics" by Glenn Fry.

Only a few months before the Symposium, George Wald had been awarded the Nobel Prize jointly with Professor Granit and Dr. Hartline, so that pride of place is rightly given to his Nobel lecture on the "Molecular Basis of Visual Excitation". One of the most exciting papers was that given by Russell de Valois in which he related his recordings in the lateral geniculate nucleus to our knowledge of colour discrimination in the spectrum. Yves Le Grand drew attention to the unsolved problems of vision and presented some rather baffling colour discrimination data recorded by his colleague Dr. Parra.

It is impossible in a brief review to mention all the papers, some of which are perhaps rather pedestrian, but Jay M. Enoch's paper on "Retinal Directional Resolution" draws an interesting parallel between the optics of the retinal receptors and that of optic fibre bundles. He has much to contribute in this field and more papers from him would be very welcome. A well-illustrated paper by Antoinette Pirie on the "Biochemistry of the Tapetum Lucidum and the Crystalline Lens" is unfortunately marred by the omission of the latter part of the article owing to an editorial oversight.

These examples will serve to show the range of topics covered, and the "Proceedings" bring out very clearly that visual science has indeed become an interdisciplinary subject to which specialists from widely different fields are contributing.

Notes

International Society for Ultrasonic Diagnosis in Ophthalmology

V Congress, Ghent, May 30 to June 2, 1973

The fifth congress of the International Society for Ultrasonic Diagnosis in Ophthalmology (SIDUO V) will be held in Ghent from May 30 to June 2, 1973. There will be simultaneous translations from and into English, German, and French. Ophthalmologists who plan to attend the congress or to give a paper are requested to write to F. Goes, M.D., Scientific Secretary of the Congress, Department of Ultrasonography of the Ophthalmological Clinic of the University of Ghent, De Pintelaan, 135, B-9000 Ghent, Belgium.

German Ophthalmological Society

72nd Congress, Hamburg, September 24 to 27, 1972

The congress will be held in conjunction with the German Society for Neurosurgery at the University of Hamburg. The main subject will be the peripheral visual pathways. Applications to present papers should be sent in by May 31, 1972.

Full information may be obtained from the Sekretariat der Deutschen Ophthalmologischen Gesellschaft, D-69 Heidelberg, Bergheimer Strasse 20, W. Germany.