

Society and an honorary member of the London Mathematical Society.

Hadamard published the following books: (1) *La série de Taylor et son prolongement analytique* (Paris, 1901); (2) *Notice sur les travaux scientifiques de M. Jacques Hadamard* (Paris, 1912); (3) *Leçons sur la Propagation des Ondes* (Paris, 1903); (4) *Lectures on Cauchy's Problem*

in Linear Partial Differential Equations (Yale, 1923; also Dover Publications, 1952); (5) *Le problème de Cauchy et les équations aux dérivées partielles linéaires hyperboliques* (Paris, 1932); (6) *An Essay on the Psychology of Invention in the Mathematical Field* (Princeton, 1945).

H. HEILBRONN
L. HOWARTH

NEWS and VIEWS

Electronics at the University of Southampton:

Prof. E. E. Zepler

E. E. ZEPLER became the first head of the Department of Electronics on its creation in the then University College of Southampton shortly after the end of the Second World War. In 1949 he was elected to the newly established chair of electronics at the College, thus becoming the first professor of electronics with an independent department in Britain. Zepler's earlier experience with Telefunken in Germany (1925-35), where he became head of receiver and direction finder design, with the Marconi Co. in England (1935-40) and at the Cavendish Laboratory during the War, fitted him admirably for the post. The present time sees him leaving a thriving department with strong postgraduate teaching and research schools as well as undergraduate courses designed both for scientists and for engineers. His keen interest in electronics teaching found a further outlet in his associations with the British Institution of Radio Engineers, the educational policy of which was formed largely under Zepler's influence. He was elected president of the Institution in 1959-60 and still serves on the Council of the Institution as a vice-president, as well as on several of its committees. Zepler is also well known as the author of *Radio Receiver Design* and more recently as the co-editor (with S. W. Punnett) and part author of two further books concerned with *Electronic Circuit Techniques* and *Electronic Devices and Networks*. His publications also include, however, several books concerned with chess and chess problems. He is an outstanding chess player, having represented both Essex and Hampshire in tournaments since settling in Britain in 1935. Zepler's lively personality and his friendliness to all who have come into contact with him will not easily be forgotten, and it is a source of great pleasure to his many friends that in retirement he will continue to be associated with the University as a Senior Research Fellow in the Institute of Sound and Vibration Research.

Prof. G. D. Sims

DR. G. D. SIMS of the Department of Electrical Engineering, University College, London, has been appointed to succeed Prof. Zepler. Dr. Sims studied in both the Physics and the Mathematics Departments of the Imperial College of Science and Technology from 1945 until 1948, obtaining both a B.Sc. in physics and an M.Sc. in mathematics. From 1948 until 1954 he was at the Hirst Research Centre of the General Electric Co., where he worked on a number of projects, including the use of the H_{01} waveguide mode for long-distance transmission and some problems of magnetron operation. During this period he also worked part-time at Imperial College with Prof. D. Gabor on magnetron instability phenomena and presented a Ph.D. thesis on this subject. From 1954 until 1956 he was with the Theoretical Physics Division at the Atomic Energy Establishment, Harwell, and was attached to the Particle Accelerator Group (now the Rutherford High Energy Laboratory). Two years later he joined the staff of the Electrical Engineering Department at University College, London, and, while taking a full part in the teaching of the Department, continued his interest in research

by supervising a number of postgraduate research projects. These interests included plasma problems, the direct conversion of heat to electricity using thermionic diodes, and a number of microwave valve investigations. Dr. Sims took up the chair of electronics at the University of Southampton in October.

Physics at the University of Leeds:

Prof. E. C. Stoner, F.R.S.

PROF. E. C. STONER retired on September 30 from the Cavendish Chair in Physics in the University of Leeds after nearly forty years' service in the University. Born at East Molesey in 1899, he went up to Cambridge from Bolton School, took firsts in both parts of the Natural Science Tripos and within little more than three years from graduation had published a valuable experimental paper (with L. H. Martin) and a theoretical one ("The Distribution of Electrons among Atomic Levels") which was to play a decisive part leading towards the enunciation of the 'exclusion principle'. In the years to follow, his most important contributions were in the field of magnetism; here his two books were to be recognized as standard works, while of his many notable original papers those in 1938-39 on collective electron ferromagnetism were perhaps outstanding. In recent years he has encouraged a wide-ranging approach in his laboratory to problems of electronic band structure in metals. Stoner went to Leeds as a lecturer in 1924, was appointed to a readership in 1927, to a newly instituted chair of theoretical physics in 1939 and to the Cavendish chair in 1951. He held a fellowship of his college, Emmanuel, from 1928 until 1931, and was elected a Fellow of the Royal Society in 1937. Throughout his service in Leeds he taught actively, in recent years in stimulating lecture courses in quantum mechanics and statistical mechanics. He played a leading part in the formulation of post-war university policy and in all the ensuing quinquennial surveys, served as a vice-president of the [then] Institute of Physics and, very effectively, on the Post Graduate Training Awards Committee of the Department of Scientific and Industrial Research.

Isidore Geoffroy St. Hilaire Medal for 1963

MISS PHYLLIS BARCLAY-SMITH has been awarded the Isidore Geoffroy St. Hilaire Medal for 1963—so far as we are aware, the first occasion that it has been given to a woman. This Medal is awarded annually by the Société Nationale de Protection de la Nature et d'Acclimatation de France to a person whose nationality is not French and who is distinguished for work in this field. The Medal is being presented at a general meeting of the Society, which will be held on December 8 in the Grand Theatre of the Muséum National d'Histoire Naturelle, Paris. Miss Barclay-Smith has a long record of various public activities, mainly on behalf of bird preservation. She has been the secretary of the International Council for Bird Preservation since 1946 and is a member of the Home Office Advisory Committee on Protection of Birds for England and Wales. As honorary secretary of the Co-ordinating Advisory Committee on Oil Pollution of the Sea, she took an active part in the promotion of