

can be shown to be summable Abel. Expansions of zero are obtained and a summation theorem for Hermitian series is given. (2) The summation theorem of (1) can be utilised in the convergence theory of Laguerre's series.—G. A. Miller: Groups containing a relatively small number of Sylow subgroups.

Official Publications Received.

- Rhodesia Museum, Bulawayo. Twenty-fourth Annual Report, 1925. Pp. 15. (Bulawayo.)
- Report of the Canadian Arctic Expedition, 1913-18. Vol. 14: Eskimo Songs. Songs of the Copper Eskimos. By Helen H. Roberts and D. Jenness. Southern Party, 1913-16. Pp. 506. (Ottawa: F. A. Acland.)
- New Zealand. Department of Mines: Geological Survey Branch. Bulletin No. 27 (New Series): The Geology of the Whangarei-Bay of Islands Subdivision, Kaipara Division. By H. T. Ferrar and others. Pp. viii+134+6 plates. (Wellington, N.Z.: W. A. G. Skinner.) 15s.
- National Research Endowment. A National Fund for the Support of Research in Pure Science. Pp. 23. (Washington, D.C.: National Academy of Sciences.)
- Public Library, Museum and Art Gallery of South Australia. Records of the South Australian Museum. Vol. 3, No. 2. Pp. 103-217. (Adelaide.) 10s. 6d.
- Department of Public Instruction: Technical Education Branch, New South Wales. Technological Museum: Annual Report for Year ended 31st December 1925. Pp. 4. (Sydney, N.S.W.: Alfred James Kent.)
- Report of the Aeronautical Research Institute, Tokyo Imperial University. No. 14: Theory of Airscrews. By Sandi Kawada. Pp. 361-404. (Tokyo: Maruzen Kabushiki-Kaisha.) 75 sen.
- Imperial Department of Agriculture for the West Indies. Report on the Agricultural Department, Dominica, 1924-25. Pp. iv+34. (Barbados, B.W.I.) 6d.
- The Indian Forest Records. (Economy Series), Vol. 12, Part 3: Second Interim Report on the Work under Project No. 1 by the Section of Timber Testing including the Results of the Mechanical and Physical Tests on certain of the commoner Indian Timbers up to end of 1924. By L. N. Seaman, assisted by C. R. Ranganathan. Pp. 22+10 plates. (Calcutta: Government of India Central Publication Branch.) 1.12 rupees; 3s.
- State of Illinois Department of Registration and Education: Division of the Natural History Survey. Bulletin, Vol. 15, Article 8: An Entomological Survey of the Salt Fork of the Vermilion River in 1921, with a Bibliography of Aquatic Insects. By Charles P. Alexander. Pp. 439-536. Bulletin, Vol. 15, Article 9: The Lake as a Microcosm. By Stephen A. Forbes. Pp. 537-550. (Urbana, Ill.)
- Memoirs of the Queensland Museum. Edited by Heber A. Longman. Vol. 8, Part 3, March 31. Pp. 183-278+plates 29-43. (Brisbane, Qd.)
- Department of the Interior: Bureau of Education. Bulletin, 1925, No. 42: Statistics of State School Systems, 1923-1924. Pp. 43. (Washington, D.C.: Government Printing Office.) 10 cents.

Diary of Societies.

SATURDAY, JUNE 5.

- ROYAL SOCIETY OF MEDICINE (Otolaryngology Section), at 10.30 A.M.—Dr. W. H. Hartridge: The Fundamental Experiments on which the Resonance Theory is based.
- NORTH OF ENGLAND INSTITUTE OF MINING AND MECHANICAL ENGINEERS (Associates' and Students' Section) (at Newcastle-on-Tyne), at 8.—P. S. Lea: Notes on Safety Lamps abstracted from Recent Reports.
- ROYAL INSTITUTION OF GREAT BRITAIN, at 8.—Sir Walford Davies: The Triad and the Perfect Fourth; their Uses from Hnebald to the Present Day. (With Musical Illustrations.)

MONDAY, JUNE 7.

- ROYAL SOCIETY OF EDINBURGH, at 4.30.—Prof. F. H. Edgeworth: On the Development of the Cranial Muscles in Protopterus and Lepidosaurs.—Dr. G. W. Tyrrell and Dr. M. A. Peacock: The Petrology of Iceland. Part 1.—The Basic Tuffs.—MM. Prawochenski and Kaczowski: Observations on the Fragment of a Horse Skull from Interglacial Deposits near Pulawy, Poland.—Y. Tamura and Dr. F. A. E. Crew: On the Effects of Vasectomy and of Epididymo-Deferentectomy in the Mouse.
- INSTITUTE OF ACTUARIES, at 5.
- ROYAL INSTITUTION OF GREAT BRITAIN, at 5.—General Meeting.
- ARISTOTELIAN SOCIETY (at University of London Club), at 8.—Dr. C. Delisle Burns: The Activity of Mind.
- ROYAL SOCIETY OF MEDICINE (Social Evening), at 9.30.—F. T. G. Hobday: Our Animal Friends as Patients (Address).

TUESDAY, JUNE 8.

- ROYAL ANTHROPOLOGICAL INSTITUTE (Exhibition of Tardenoisian and Pigmy Types of Stone Implements), at 2.30 (continued until June 22).
- MANCHESTER GEOLOGICAL AND MINING SOCIETY, at 4.
- ROYAL INSTITUTION OF GREAT BRITAIN, at 5.15.—Brig.-Gen. Sir Percy Sykes: Chinese Turkestan and the Pamirs.
- QUEKETT MICROSCOPICAL CLUB, at 7.30.—E. Heron-Allen and A. Earland: Selective Building in the Shells of the Foraminifera.
- RÖNTGEN SOCIETY (Annual General Meeting) (at British Institute of Radiology), at 8.15.—A. E. Speight: Abstracts from Apparatus and Technique for Radiography of the Accessory Sinuses.—Dr. L. A. Levy and D. W. West: A New Method of Dosage for Use in Actinotherapy.

ROYAL ANTHROPOLOGICAL INSTITUTE (at London School of Economics), at 8.30.—M. Terry: Some Little Studied Aborigines encountered during Travels in Northern Australia.

WEDNESDAY, JUNE 9.

- ROYAL INSTITUTION OF GREAT BRITAIN, at 5.15.—Prof. J. Barcroft: Organs of Multiple Function (4): Lungs.
- GEOLOGICAL SOCIETY OF LONDON, at 5.30.—Dr. W. D. Lang: *Naos pagoda* (Salter): the Type of a New Genus of Silurian Corals.—J. F. Jackson: The Junction-Bed of the Middle and Upper Lias on the Dorset Coast.—Prof. P. G. H. Boswell: A Contribution to the Geology of the Eastern Part of the Denbighshire Moors.
- RADIO SOCIETY OF GREAT BRITAIN (Informal Meeting) (at Institution of Electrical Engineers), at 6.
- INSTITUTE OF WATER ENGINEERS (at Manchester) (continued on June 10, 11, and 12).

THURSDAY, JUNE 10.

- ROYAL SOCIETY, at 4.30.—Dr. A. V. Hill: The Viscous-Elastic Properties of Smooth Muscle.—A. S. Parkes: (a) Observations on the Oestrous Cycle of the Albino Mouse; (b) On the Occurrence of the Oestrous Cycle after X-Ray Sterilisation.—Isabella Gordon: The Development of the Calcareous Test of *Echinocardium cordatum*.—J. Walton: Contributions to the Knowledge of Lower Carboniferous Plants.—Prof. J. H. Priestley and E. Rhodes: On the Macro-Chemistry of the Endodermis.—D. Keilin: A Comparative Study of Turacin and Haematin and its Bearing on Cytochrome.—E. Ponder: The Equations applicable to simple Hemolytic Reactions.—J. P. Hoet and Phyllis Kerridge: Observations on the Muscles of Normal and Moulting Crustacea.—C. H. Best and H. P. Marks: Additional Note on the Effect of Insulin on the Lactacidogen Content of the Skeletal Muscles.
- INSTITUTE OF PATHOLOGY AND RESEARCH (ST. MARY'S HOSPITAL, Paddington), at 5.—Dr. J. Freeman: The Pathological Mechanism of the Asthma Syndrome.
- LINNEAN SOCIETY OF LONDON, at 5.
- LONDON MATHEMATICAL SOCIETY (at Royal Astronomical Society), at 5.—ROYAL INSTITUTION OF GREAT BRITAIN, at 5.15.—Dr. J. Newton Friend: Science in Antiquity (2).
- OPTICAL SOCIETY (at Imperial College of Science and Technology), at 7.30.—Dr. L. C. Martin: The Distribution of Light in Elementary Optical Images.—T. Smith: (a) Note on the Criterion for the Best Position of Focus; (b) The Stationary Position of Axially Symmetric Functions.

FRIDAY, JUNE 11.

- ROYAL SOCIETY OF ARTS (Indian Meeting), at 4.30.—Capt. B. K. Featherstone: Exploration in the Korakoram Mountains.
- ROYAL ASTRONOMICAL SOCIETY, at 5.—A. N. Brown: Observations of V Cassiopeiae (Ch. 8324) in 1921-26.—Dr. J. H. Jeans: Stellar Opacity and the Atomic Weight of Stellar Matter.—Dr. W. J. S. Lockyer: The Spectrum of the Bright-Hydrogen-Line Star H. D. C. 20336 in Camelopardalis (Sp. Type B3 pe).—L. J. Comrie: The Standard Equinox of 1950-0.
- PHYSICAL SOCIETY OF LONDON (at Imperial College of Science and Technology), at 5.—J. H. Awbery and Dr. Ezer Griffiths: The Latent Heat of Fusion of some Metals.—D. W. Dye: The Piezo-electric Quartz Resonator and its Equivalent Electric Circuit.—E. J. Evans: The Characteristics of Electrostatic Machines on Non-inductive Loads and on the Coolidge Tube.
- MALACOLOGICAL SOCIETY OF LONDON (at Linnean Society), at 6.
- ROYAL SOCIETY OF MEDICINE (Ophthalmology Section) (Annual General Meeting), at 8.30.—R. Pickard: The Visual Field in Atheroma of the Retinal Vessels.
- ROYAL INSTITUTION OF GREAT BRITAIN, at 9.—Prof. J. C. McLennan: The Spectrum of the Aurora.

CONGRESS.

JUNE 9 TO 12.

- SOUTH-EASTERN UNION OF SCIENTIFIC SOCIETIES (at Colchester).
June 9.—R. A. Smith: Essex in Pre-Saxon Times (Presidential Address).
June 10.—R. Paulson: The Beechwood; its Canopy and Carpet; Dr. E. J. Salisbury: The Plant Communities of the Seashore; C. E. Benham: Dr. Wm. Gilbert of Colchester, author of "De Magnete"; Alderman W. G. Benham: The Borough Arms at Colchester.
June 11.—E. C. Stuart Baker: Some Curious Aspects of Evolution; Alderman W. G. Benham: The Colchester Oyster Fishery; S. Hazzledine Warren: The Correlation of the Lower Palaeolithic; E. A. Martin: Break-Names in Geological History.
June 12.—A. Farquharson: The Social Constitution of a County; G. E. Hutchings: The Choice of Maps for Regional Surveys; Dr. C. Tierney: Some of Nature's Secrets.

CONVENTION.

JUNE 7 TO 12.

- PHOTOGRAPHIC CONVENTION OF THE UNITED KINGDOM (at Edinburgh).

PUBLIC LECTURES.

MONDAY, JUNE 7.

- ROYAL COLLEGE OF SCIENCE, at 5.30.—H. E. Wimperis: The Relationship of Physics to Aeronautical Research. (Institute of Physics Lectures on "Physics in Industry.")

WEDNESDAY, JUNE 9.

- KING'S COLLEGE, at 5.30.—Prof. S. Radhakrishnan: The Philosophic Basis of Hinduism. (Succeeding Lectures, under auspices of British Institute of Philosophical Studies, on June 16 and 23.)