

INTERNATIONAL CONGRESS OF MATHEMATICIANS.

WE are requested to inform the readers of the *Gazette* that the CONGRÈS DES MATHÉMATIENS will be held in Paris from August 6th to August 11th. All particulars may be had from the Organising Secretary, M. LAISANT, avenue Victor Hugo, 162, Paris, or from M. LE PRÉSIDENT DE LA SOCIÉTÉ MATHÉMATIQUE DE FRANCE, rue des Grands-Augustins, 7, Paris.

A SELECTION FROM Macmillan and Co.'s Mathematical Works.

PROBLEMS AND QUESTIONS IN MATHEMATICS.

Mathematical Recreations and Problems of Past and Present Times. By W. W. Rouse Ball, M.A. 3rd Ed. Cr. 8vo. 7s. net.

Examples for Practice in the Use of Seven-Figure Logarithms. By J. Wolstenholme, D.Sc. 8vo. 5s.

Mathematical Problems, on Subjects included in the First and Second Divisions of Cambridge Mathematical Tripos. By Joseph Wolstenholme, D.Sc. 3rd Ed., greatly enlarged. 8vo. 18s.

Weekly Problem Papers. By Rev. J. J. Milne, M.A. Pott 8vo. 4s. 6d.

Solutions to the above. By Rev. J. J. Milne, M.A. Cr. 8vo. 10s. 6d.

Companion to Weekly Problem Papers. By Rev. J. J. Milne, M.A. Cr. 8vo. 10s. 6d.

Woolwich Mathematical Papers, for Admission into the Royal Military Academy, Woolwich, 1890-1899 inclusive. By E. J. Brooksmith, B.A. Cr. 8vo. 6s.

HIGHER PURE MATHEMATICS.

The Differential Calculus. By Joseph Edwards, M.A. With Applications and numerous Examples. 3rd Ed. 8vo. 14s.

Differential Calculus for Beginners. By J. Edwards, M.A. Gl. 8vo. 4s. 6d.

The Integral Calculus for Beginners. By J. Edwards, M.A. Gl. 8vo. 4s. 6d.

An Elementary Treatise on the Differential Calculus. Founded on the Method of Rates or Fluxions. By J. M. Rice and W. W. Johnson. 3rd Ed. 8vo. 18s. Abridged Ed. 9s.

An Elementary Treatise on the Theory of Equations. By Isaac Todhunter, F.R.S. Cr. 8vo. 7s. 6d.

A Treatise on the Differential Calculus. By I. Todhunter. Cr. 8vo. 10s. 6d. KEY. Cr. 8vo. 10s. 6d.

A Treatise on the Integral Calculus and its Applications. By I. Todhunter. Cr. 8vo. 10s. 6d. KEY. Cr. 8vo. 10s. 6d.

A History of the Mathematical Theory of Probability, from the time of Pascal to that of Laplace. By I. Todhunter. 8vo. 18s.

A Treatise on Differential Equations. By A. R. Forsyth, F.R.S. 2nd Ed. 8vo. 14s.

Treatise on Bessel Functions. By Prof. A. Gray and Prof. G. B. Mathews. 8vo. 14s. net.

Differential and Integral Calculus. By A. G. Greenhill. 3rd Ed. Cr. 8vo. 10s. 6d.

Applications of Elliptic Functions. By A. G. Greenhill. 8vo. 12s.

A Treatise on the Theory of Functions. By J. Harkness, M.A., and F. Morley, M.A. 8vo. 18s. net.

Introduction to the Theory of Analytic Functions. By J. Harkness, M.A., and F. Morley, M.A. 8vo. 12s. 6d. net.

Infinitesimal Analysis. By W. B. Smith, Ph.D. Vol. I. Elementary. 8vo. 14s. net.

MECHANICS: Statics, Dynamics, Hydrostatics, Hydrodynamics.

Principles of Mechanics. By Prof. H. Hertz. Translated by D. E. Jones, B.Sc., and J. T. Walley, M.A. 8vo. 10s. net.

Applied Mechanics. An Elementary General Introduction to the Theory of Structures and Machines. By Prof. J. H. Cotterill, F.R.S. 4th Ed. Revised and Enlarged. 8vo. 18s.

Lessons in Applied Mechanics. By Prof. J. H. Cotterill and J. H. Slade. Feap. 8vo. 5s. 6d.

Experimental Mechanics. A Course of Lectures delivered at the Royal College of Science, Dublin. By Sir R. S. Ball, F.R.S. 2nd Ed. Illustrated. Cr. 8vo. 6s.

An Elementary Treatise on Theoretical Mechanics. By Prof. A. Ziwet. 8vo. Part I. Kinematics. 8s. 6d. net. Part II. Introduction to Dynamics. Statics. 8s. 6d. net. Part III. Kinetics. 8s. 6d. net.

Mechanics for Beginners. By Isaac Todhunter, F.R.S. Pott 8vo. 4s. 6d. KEY. Cr. 8vo. 6s. 6d.

A Treatise on Analytical Statics. By I. Todhunter. 5th Ed. Edited by Prof. J. D. Everett, F.R.S. Cr. 8vo. 10s. 6d.

A Treatise on the Dynamics of the System of Rigid Bodies. With numerous Examples. By Edward John Routh, D.Sc., LL.D., F.R.S. Two Vols. 8vo. 6th Ed. Vol. I. Elementary Parts. 14s. Vol. II. The Advanced Parts. 14s.

Stability of a Given State of Motion, particularly Steady Motion. By E. J. Routh. Adams Prize Essay for 1877. 8vo. 8s. 6d.

A Treatise on Dynamics of a Particle, By Professor Tait, M.A., and W. J. Steele, B.A. 6th Ed., revised. Cr. 8vo. 12s.

The Elements of Dynamic. An Introduction to the Study of Motion and Rest in Solid and Fluid Bodies. By W. K. Clifford, Part I. Cr. 8vo. Books I.-III. Kinematics. 7s. 6d. Book IV. and Appendix. Kinetic. 6s.

Elementary Dynamics of Particles and Solids. By W. M. Hicks, D.Sc. Cr. 8vo. 6s. 6d.

Elements of Graphic Statics. By L. M. Hoskins. 8vo. 10s. net.

Statics for Beginners. By John Greaves, M.A. Gl. 8vo. 3s. 6d.

A Treatise on Elementary Statics. By J. Greaves, M.A. Cr. 8vo. 5s.

Treatise on Hydrostatics. By A. G. Greenhill. Cr. 8vo. 7s. 6d.

Steam, Gas, and Oil Engines. By Prof. John Perry, F.R.S. 8vo. 7s. 6d. net.

Mechanics for Beginners. By Rev. J. B. Lock, M.A. Gl. 8vo. Mechanics of Solids. 2s. 6d.

Elementary Statics. 2nd Ed. By Rev. J. B. Lock, M.A. Gl. 8vo. 8s. 6d. KEY. Cr. 8vo. 8s. 6d.

Elementary Dynamics. 3rd Ed. By Rev. J. B. Lock, M.A. Gl. 8vo. 3s. 6d. KEY. Cr. 8vo. 8s. 6d.

Elementary Dynamics and Statics. By Rev. J. B. Lock, M.A. Gl. 8vo. 6s. 6d.

MACMILLAN AND CO., LTD., LONDON.