Thursday, May 9th, 1889.

J. J. WALKER, Esq., F.R.S., President, in the Chair.

The following communications were made:—

On the Solution in Integers of Equations of the form
 $x^3 + y^3 + Az^3 = 0$: S. Roberts, F.R.S.

On the Concomitants of k -ary Quantics: W. J. C. Sharp, M.A.

On the Motion of an Elastic Solid strained by Extraneous Forces: Signor Betti.

Note on the G -function in an Elliptic Transformation Annihilator: J. Griffiths, M.A.

On Cyclotomic Functions, § iii. The Cyclotomics belonging to the f -nomial periods of the p^{th} Roots of Unity: Prof. Lloyd Tanner.

On the Complete Elliptic Integrals, K, E, G, I : Dr. J. Kleiber.

The following presents were received:—

A Cabinet Likeness of Dr. G. J. Allman, F.R.S.

"Educational Times," for May.

"Annals of Mathematics," Vol. iv., No. 5, Oct. 1888; Virginia.

"Bulletin des Sciences Mathématiques," Tome XIII., March and April.

"Sitzungsberichte der Königlich-Preussischen Akademie der Wissenschaften zu Berlin," xxxviii.—LII.

"Atti della Reale Accademia dei Lincei — Rendiconti," Vol. iv., Fasc. 12; Vol. v., Fasc. 1—3; Roma, 1888, 1889.

"Journal für die reine und ungewandte Mathematik," Band 104, Heft III.

"Die Rotationsmomente der Beugemuskeln am Ellbogengelenk des Menschen," von W. Braune und O. Fisher; large 8vo; Leipzig, 1889.

"Die Neuroblasten und deren Entstehung im Embryonalen Mark," von Wilhelm His; large 8vo; Leipzig, 1889.

"Bollettino delle Pubblicazioni Italiane ricevute per Diritto di Stampa," Nos. 79 and 80.

"Jornal de Sciencias Mathematicas e Astronomicas," Vol. ix., No. 1; Coimbra, 1889.

"Reale Istituto Lombardo di Scienze e Lettere—Rendiconti," Serie II., Vol. xx., 8vo; Milano, &c., 1887.

"Memorie del Reale Istituto Lombardo," Vol. xvi., Fasc. II., 4to; Milano, &c., 1888.