

CONTENTS.

[An Asterisk means that the paper is not printed in full.]

	PAGE
799. <i>On curvilinear coordinates</i>	1
Quart. Math. Journ., t. XIX. (1883), pp. 1—22	
800. <i>Note on the standard solutions of a system of linear equations</i>	19
Quart. Math. Journ., t. XIX. (1883), pp. 38—40	
801. <i>On seminvariants</i>	22
Quart. Math. Journ., t. XIX. (1883), pp. 131—138	
802. <i>Note on Captain MacMahon's paper "On the differential equation $X^{-\frac{2}{3}}dx + Y^{-\frac{2}{3}}dy + Z^{-\frac{2}{3}}dz = 0$"</i>	30
Quart. Math. Journ., t. XIX. (1883), pp. 182—184	
803. <i>On Mr Anglin's formula for the successive powers of the root of an algebraical equation</i>	33
Quart. Math. Journ., t. XIX. (1883), pp. 223, 224	
804. <i>On the elliptic-function solution of the equation $x^3 + y^3 - 1 = 0$</i>	35
Camb. Phil. Soc. Proc., t. IV. (1883), pp. 106—109	
805. <i>Note on Abel's theorem</i>	38
Camb. Phil. Soc. Proc., t. IV. (1883), pp. 119—122	
806. <i>Determination of the order of a surface</i>	42
Messenger of Mathematics, t. XII. (1883), pp. 29—32	
807. <i>A proof of Wilson's theorem</i>	45
Messenger of Mathematics, t. XII. (1883), p. 41	

	PAGE
808. <i>Note on a form of the modular equation in the transformation of the third order</i>	46
Messenger of Mathematics, t. XII. (1883), pp. 173, 174	
809. <i>Schröter's construction of the regular pentagon</i>	47
Messenger of Mathematics, t. XII. (1883), p. 177	
810. <i>Note on a system of equations</i>	48
Messenger of Mathematics, t. XII. (1883), pp. 191, 192	
811. <i>On the linear transformation of the theta-functions</i>	50
Messenger of Mathematics, t. XIII. (1884), pp. 54—60	
812. <i>On Archimedes' theorem for the surface of a cylinder</i>	56
Messenger of Mathematics, t. XIII. (1884), pp. 107, 108	
813. [<i>Note on Mr Griffiths' paper "On a deduction from the elliptic-integral formula $y = \sin(A + B + C + \dots)$"</i>]	58
Proc. Lond. Math. Soc., t. xv. (1884), p. 81	
814. <i>On double algebra</i>	60
Proc. Lond. Math. Soc., t. xv. (1884), pp. 185—197	
815. <i>The binomial equation $x^p - 1 = 0$; quinquisection. Second part</i>	72
Proc. Lond. Math. Soc., t. xvi. (1885), pp. 61—63	
816. <i>On the bitangents of a plane quartic</i>	74
Crelle's Journal der Mathem., t. xciv. (1883), pp. 93—115; Camb. Phil. Soc. Proc., t. iv. (1883), p. 321	
817. <i>On the sixteen-nodal quartic surface</i>	95
Crelle's Journal der Mathem., t. xciv. (1883), pp. 270—272	
818. <i>Note on hyperelliptic integrals of the first order</i>	98
Crelle's Journal der Mathem., t. xcvi. (1885), pp. 95, 96	
819. <i>On two cases of the quadric transformation between two planes</i>	100
Johns Hopkins University Circulars, No. 13 (1882), pp. 178, 179	
820. <i>On a problem of analytical geometry</i>	102
Johns Hopkins University Circulars, No. 15 (1882), p. 209	

CONTENTS.		ix
		PAGE
821.	<i>On the geometrical representation of an equation between two variables</i>	104
	Johns Hopkins University Circulars, No. 15 (1882), p. 210	
822.	<i>On associative imaginaries</i>	105
	Johns Hopkins University Circulars, No. 15 (1882), pp. 211, 212	
823.	<i>On the geometrical interpretation of certain formulæ in elliptic functions</i>	107
	Johns Hopkins University Circulars, No. 17 (1882), p. 238	
824.	<i>Note on the formulæ of trigonometry</i>	108
	Johns Hopkins University Circulars, No. 17 (1882), p. 241	
825.	<i>A memoir on the Abelian and Theta Functions</i>	109
	Chapters I to III, American Journal of Mathematics, t. v. (1882), pp. 137—179; Chapters IV to VII, <i>ib.</i> , t. vii. (1885), pp. 101—167	
826.	<i>Note on a partition series</i>	217
	American Journal of Mathematics, t. vi. (1884), pp. 63, 64	
827.	<i>On the non-Euclidian plane geometry</i>	220
	Proc. Roy. Soc., t. xxxvii. (1884), pp. 82—102	
828.	<i>A memoir on seminvariants</i>	239
	American Journal of Mathematics, t. vii. (1885), pp. 1—25	
829.	<i>Tables of the symmetric functions of the roots, to the degree 10, for the form</i> $1 + bx + \frac{cx^2}{1.2} + \dots = (1 - ax)(1 - \beta x)(1 - \gamma x)\dots$	263
	American Journal of Mathematics, t. vii. (1885), pp. 47—56	
830.	<i>Non-unitary partition tables</i>	273
	American Journal of Mathematics, t. vii. (1885), pp. 57, 58	
831.	<i>Seminvariant tables</i>	275
	American Journal of Mathematics, t. vii. (1885), pp. 59—73	
832.	<i>Note on an apparent difficulty in the theory of curves, when the coordinates of a point are given as functions of a variable parameter</i>	290
	Messenger of Mathematics, t. xiv. (1885), pp. 12—14	

	PAGE
833. <i>On a formula in elliptic functions</i>	292
Messenger of Mathematics, t. xiv. (1885), pp. 21, 22	
834. <i>On the addition of the elliptic functions</i>	294
Messenger of Mathematics, t. xiv. (1885), pp. 56—61	
835. <i>On Cardan's solution of a cubic equation</i>	299
Messenger of Mathematics, t. xiv. (1885), pp. 96, 97	
836. <i>On the quaternion equation $qQ - Qq' = 0$</i>	300
Messenger of Mathematics, t. xiv. (1885), pp. 108—112	
837. <i>On the so-called D'Alembert Carnot geometrical paradox</i>	305
Messenger of Mathematics, t. xiv. (1885), pp. 113, 114	
838. <i>On the twisted cubics upon a quadric surface.</i>	307
Messenger of Mathematics, t. xiv. (1885), pp. 129—132	
839. <i>On the matrical equation $qQ - Qq' = 0$</i>	311
Messenger of Mathematics, t. xiv. (1885), pp. 176—178	
840. <i>On Mascheroni's geometry of the compass</i>	314
Messenger of Mathematics, t. xiv. (1885), pp. 179—181	
841. <i>On a differential operator</i>	318
Messenger of Mathematics, t. xiv. (1885), pp. 190, 191	
842. <i>On the value of $\tan(\sin \theta) - \sin(\tan \theta)$</i>	319
Messenger of Mathematics, t. xiv. (1885), pp. 191, 192	
843. <i>On the quadri-quadric curve in connexion with the theory of elliptic functions</i>	321
Mathematische Annalen, t. xxv. (1885), pp. 152—156	
844. <i>On a theorem relating to seminvariants</i>	326
Quart. Math. Journ., t. xx. (1885), pp. 212, 213	
845. <i>On the orthomorphosis of the circle into the parabola</i>	328
Quart. Math. Journ., t. xx. (1885), pp. 213—220	
846. <i>A verification in regard to the linear transformation of the theta-functions</i>	337
Quart. Math. Journ., t. xxi. (1886), pp. 77—84	

CONTENTS.		xi
		PAGE
847.	<i>On the theory of seminvariants</i>	344
	Quart. Math. Journ., t. XXI. (1886), pp. 92—107	
848.	<i>On the transformation of the double theta-functions</i>	358
	Quart. Math. Journ., t. XXI. (1886), pp. 142—178	
849.	<i>On the invariants of a linear differential equation</i>	390
	Quart. Math. Journ., t. XXI. (1886), pp. 257—261	
850.	<i>On linear differential equations</i>	394
	Quart. Math. Journ., t. XXI. (1886), pp. 321—331	
851.	<i>On linear differential equations: the theory of decomposition</i>	403
	Quart. Math. Journ., t. XXI. (1886), pp. 331—335	
852.	<i>Note sur le mémoire de M. Picard “Sur les intégrales de différentielles totales algébriques de première espèce”</i>	408
	Bull. des Sciences Math., 2 ^{me} Sér., t. X. (1886), pp. 75—78	
853.	<i>Note on a formula for $\Delta^n 0^i/n^i$ when n, i are very large numbers</i>	412
	Proc. Roy. Soc. Edin., t. XIV. (1887), pp. 149—153	
854.	<i>An algebraical transformation</i>	416
	Messenger of Mathematics, t. XV. (1886), pp. 58, 59	
855.	<i>Solution of $(a, b, c, d) = (a^2, b^2, c^2, d^2)$</i>	418
	Messenger of Mathematics, t. XV. (1886), pp. 59—61	
856.	<i>Note on a cubic equation</i>	421
	Messenger of Mathematics, t. XV. (1886), pp. 62—64	
857.	<i>Analytical geometrical note on the conic</i>	424
	Messenger of Mathematics, t. XV. (1886), p. 192	
858.	<i>Comparison of the Weierstrassian and Jacobian elliptic functions</i>	425
	Messenger of Mathematics, t. XVI. (1887), pp. 129—132	
859.	<i>On the complex of lines which meet a unicursal quartic curve</i>	428
	Proc. Lond. Math. Soc., t. XVII. (1886), pp. 232—238	

	PAGE
860. <i>On Briot and Bouquet's theory of the differential equation</i> $F\left(u, \frac{du}{dz}\right) = 0$	432
Proc. Lond. Math. Soc., t. xviii. (1887), pp. 314—324	
861. <i>Note on a formula relating to the zero-value of a theta-function</i>	442
Crelle's Journal der Mathem., t. c. (1887), pp. 87, 88	
862. <i>Note on the theory of linear differential equations</i>	444
Crelle's Journal der Mathem., t. c. (1887), pp. 286—295	
863. <i>Note on the theory of linear differential equations</i>	453
Crelle's Journal der Mathem., t. ci. (1887), pp. 209—213	
864. <i>On Rudio's inverse centro-surface</i>	457
Quart. Math. Journ., t. xxii. (1887), pp. 156—158	
865. <i>On multiple algebra</i>	459
Quart. Math. Journ., t. xxii. (1887), pp. 270—308	
866. <i>Note on Kiepert's L-equations, in the transformation of elliptic functions</i>	490
Mathematische Annalen, t. xxx. (1887), pp. 75—77	
867. <i>Note on the Jacobian sextic equation</i>	493
Mathematische Annalen, t. xxx. (1887), pp. 78—84	
868. <i>On the intersection of curves</i>	500
Mathematische Annalen, t. xxx. (1887), pp. 85—90	
869. <i>On the transformation of elliptic functions</i>	505
American Journal of Mathematics, t. ix. (1887), pp. 193—224	
870. <i>On the transformation of elliptic functions (sequel)</i>	535
American Journal of Mathematics, t. x. (1888), pp. 71—93	
871. <i>A case of complex multiplication with imaginary modulus arising out of the cubic transformation in elliptic functions</i>	556
Proc. Lond. Math. Soc., t. xix. (1888), pp. 300, 301	
*872. <i>On the finite number of the covariants of a binary quantic</i> .	558
Mathematische Annalen, t. xxxiv. (1889), pp. 319, 320	

CONTENTS.		xiii
		PAGE
873.	<i>System of equations for three circles which cut each other at given angles</i>	559
	Messenger of Mathematics, t. xvii. (1888), pp. 18—21	
874.	<i>Note on the Legendrian coefficients of the second kind</i>	562
	Messenger of Mathematics, t. xvii. (1888), pp. 21—23	
875.	<i>On the system of three circles which cut each other at given angles and have their centres in a line</i>	564
	Messenger of Mathematics, t. xvii. (1888), pp. 60—69	
876.	<i>On systems of rays</i>	571
	Messenger of Mathematics, t. xvii. (1888), pp. 73—78	
877.	<i>Note on the two relations connecting the distances of four points on a circle</i>	576
	Messenger of Mathematics, t. xvii. (1888), pp. 94, 95	
878.	<i>Note on the anharmonic ratio equation</i>	578
	Messenger of Mathematics, t. xvii. (1888), pp. 95, 96	
879.	<i>Note on the differential equation $\frac{dx}{\sqrt{1-x^2}} + \frac{dy}{\sqrt{1-y^2}} = 0$</i>	580
	Messenger of Mathematics, t. xviii. (1889), p. 90	
880.	<i>Note on the relation between the distance of five points in space</i>	581
	Messenger of Mathematics, t. xviii. (1889), pp. 100—102	
881.	<i>On Hermite's H-product theorem</i>	584
	Messenger of Mathematics, t. xviii. (1889), pp. 104—107	
882.	<i>A correspondence of confocal Cartesians with the right lines of a hyperboloid</i>	587
	Messenger of Mathematics, t. xviii. (1889), pp. 128—130	
883.	<i>Analytical formulæ in regard to an octad of points</i>	590
	Messenger of Mathematics, t. xviii. (1889), pp. 149—152	
884.	<i>Note sur les surfaces minima et le théorème de Joachimsthal</i>	594
	Comptes Rendus, t. cvi. (1888), pp. 995, 996	

	PAGE
885. <i>On the Diophantine relation, $y^2 + y'^2 = \text{Square}$</i>	596
Proc. Lond. Math. Soc., t. xx. (1889), pp. 122—127	
886. <i>On the surfaces with plane or spherical curves of curvature</i>	601
American Journal of Mathematics, t. xi. (1889), pp. 71—98; pp. 293—306	
887. <i>On the theory of groups</i>	639
American Journal of Mathematics, t. xi. (1889), pp. 139—157	