

CONTENTS.

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

	PAGE
888. <i>On a form of quartic surface with twelve nodes</i>	1
British Association Report, (1886), pp. 540, 541	
889. <i>On a differential equation and the construction of Milner's lamp</i>	3
Edinburgh Math. Soc. Proc., t. v (1887), pp. 99—101	
890. <i>Note on the hydrodynamical equations</i>	6
Proc. Roy. Soc. Edin., t. xv (1888), pp. 342—344	
891. <i>On the binodal quartic and the graphical representation of the elliptic functions</i>	9
Camb. Phil. Soc. Trans., t. xiv (1889), pp. 484—494	
892. <i>Note on the orthomorphic transformation of a circle into itself</i>	20
Edinburgh Math. Soc. Proc., t. viii (1890), pp. 91, 92	
893. <i>The bitangents of the quintic</i>	21
Annals of Mathematics, t. v (1890), pp. 109, 110	
894. <i>An investigation by Wallis of his expression for π</i>	22
Quart. Math. Journ., t. xxiii (1889), pp. 165—169	
895. <i>A theorem on trees</i>	26
Quart. Math. Journ., t. xxiii (1889), pp. 376—378	
896. <i>A transformation in elliptic functions</i>	29
Quart. Math. Journ., t. xxiv (1890), pp. 259—262	

	PAGE
897. <i>Sur les racines d'une équation algébrique</i>	33
Comptes Rendus, t. cx (1890), pp. 174—176, 215—218	
898. <i>Sur l'équation modulaire pour la transformation de l'ordre 11</i>	38
Comptes Rendus, t. cxI (1890), pp. 447—449	
899. <i>Sur les surfaces minima</i>	41
Comptes Rendus, t. cxI (1890), pp. 953, 954	
900. <i>James Joseph Sylvester</i>	43
(Scientific Worthies in Nature, xxv); <i>Nature</i> , vol. xxxix (1889), pp. 217—219	
901. <i>Note on the sums of two series</i>	49
Messenger of Mathematics, t. xix (1890), pp. 29—31	
902. <i>On the focals of a quadric surface</i>	51
Messenger of Mathematics, t. xix (1890), pp. 113—117	
903. <i>On Latin squares</i>	55
Messenger of Mathematics, t. xix (1890), pp. 135—137	
904. <i>Note on reciprocal lines</i>	58
Messenger of Mathematics, t. xix (1890), pp. 174, 175	
905. <i>On the equation $x^{17} - 1 = 0$</i>	60
Messenger of Mathematics, t. xix (1890), pp. 184—188	
906. <i>Note on Schlaefli's modular equation for the cubic transformation; with a correction</i>	64
Messenger of Mathematics, t. xx (1891), pp. 59, 60; 120	
907. <i>Note on the ninth roots of unity</i>	66
Messenger of Mathematics, t. xx (1891), p. 63	
908. <i>On two invariants of a quadri-quadric function</i>	67
Messenger of Mathematics, t. xx (1891), pp. 68, 69	
909. <i>On a particular case of Kummer's differential equation of the third order</i>	69
Messenger of Mathematics, t. xx (1891), pp. 75—79	
910. <i>Note on the involutant of two matrices</i>	74
Messenger of Mathematics, t. xx (1891), pp. 136, 137	

CONTENTS.		ix
		PAGE
911.	<i>On an algebraical identity relating to the six coordinates of a line</i>	76
	Messenger of Mathematics, t. xx (1891), pp. 138—140	
912.	<i>On the notion of a plane curve of a given order</i>	79
	Messenger of Mathematics, t. xx (1891), pp. 148—150	
913.	<i>On the epitrochoid</i>	81
	Messenger of Mathematics, t. xx (1891), pp. 150—158	
914.	<i>On a soluble quintic equation</i>	88
	American Journal of Mathematics, t. XIII (1891), pp. 53—58	
915.	<i>On the partitions of a polygon</i>	93
	Proc. Lond. Math. Soc., t. XXII (1891), pp. 237—262	
916.	[<i>Note on a theorem in matrices</i>]	114
	Proc. Lond. Math. Soc., t. XXII (1891), p. 458	
917.	[<i>Note on the theory of rational transformation</i>]	115
	Proc. Lond. Math. Soc., t. XXII (1891), pp. 475, 476	
918.	<i>On the substitution-groups for two, three, four, five, six, seven, and eight letters</i>	117
	Quart. Math. Journ., t. XXV (1891), pp. 71—88, 137—155	
919.	<i>On the problem of tactions</i>	150
	Quart. Math. Journ., t. XXV (1891), pp. 104—127	
920.	<i>On orthomorphosis</i>	170
	Quart. Math. Journ., t. XXV (1891), pp. 203—226	
921.	<i>On some problems of orthomorphosis</i>	191
	Crelle's Journal der Mathem., t. CVII (1891), pp. 262—277	
922.	<i>Note on the lunar theory</i>	206
	Monthly Notices of the Royal Astronomical Society, t. LII (1892), pp. 2—5	
923.	<i>Note on a hyperdeterminant identity</i>	210
	Messenger of Mathematics, t. XXI (1892), pp. 131, 132	
924.	<i>On the non-existence of a special group of points</i>	212
	Messenger of Mathematics, t. XXI (1892), pp. 132, 133	

	PAGE
925. <i>On Waring's formula for the sum of the m^{th} powers of the roots of an equation</i>	213
Messenger of Mathematics, t. XXI (1892), pp. 133—137	
926. <i>Corrected seminvariant tables for the weights 11 and 12</i>	217
American Journal of Mathematics, t. XIV (1892), pp. 195—200	
927. <i>On Clifford's paper "On syzygetic relations among the powers of linear quantics"</i>	224
Proc. Lond. Math. Soc., t. XXIII (1892), pp. 99—104	
928. <i>On the analytical theory of the congruency</i>	228
Proc. Lond. Math. Soc., t. XXIII (1892), pp. 185—188	
929. <i>Note on the skew surfaces applicable upon a given skew surface</i>	231
Proc. Lond. Math. Soc., t. XXIII (1892), pp. 217—225	
930. <i>Sur la surface des ondes</i>	238
Annali di Matematica, Ser. II, t. XX (1892), pp. 1—18	
931. <i>On some formulæ of Codazzi and Weingarten in relation to the application of surfaces to each other</i>	253
Proc. Lond. Math. Soc., t. XXIV (1893), pp. 210—223	
932. <i>On symmetric functions and seminvariants</i>	265
American Journal of Mathematics, t. XV (1893), pp. 1—74	
933. <i>Tables of pure reciprocants to the weight 8</i>	333
American Journal of Mathematics, t. XV (1893), pp. 75—77	
934. <i>Note on the so-called quotient G/H in the theory of groups</i>	336
American Journal of Mathematics, t. XV (1893), pp. 387, 388	
935. <i>Sur la fonction modulaire $\chi\omega$</i>	338
Comptes Rendus, t. CXVI (1893), pp. 1339—1343	
936. <i>Note on uniform convergence</i>	342
Proc. Roy. Soc. Edin., t. XIX (1893), pp. 203—207	
937. <i>Note on the orthotomic curve of a system of lines in a plane</i>	346
Messenger of Mathematics, t. XXII (1893), pp. 45, 46	

CONTENTS.		xi
		PAGE
938.	<i>On two cubic equations</i>	348
	Messenger of Mathematics, t. xxii (1893), pp. 69—71	
939.	<i>On a case of the involution $AF + BG + CH = 0$, where A, B, C, F, G, H are ternary quadrics</i>	350
	Messenger of Mathematics, t. xxii (1893), pp. 182—186	
940.	<i>On the development of $(1 + n^2x)^{\frac{m}{n}}$</i>	354
	Messenger of Mathematics, t. xxii (1893), pp. 186—190	
941.	<i>Note on the partial differential equation</i> $Rr + Ss + Tt + U(s^2 - rt) - V = 0$	358
	Quart. Math. Journ., t. xxvi (1893), pp. 1—5	
942.	<i>On seminvariants</i>	362
	Quart. Math. Journ., t. xxvi (1893), pp. 66—69	
943.	<i>On reciprocants and differential invariants</i>	366
	Quart. Math. Journ., t. xxvi (1893), pp. 169—194, 289—307	
944.	<i>On Pfaff-invariants</i>	405
	Quart. Math. Journ., t. xxvi (1893), pp. 195—205	
945.	<i>Note on lacunary functions</i>	415
	Quart. Math. Journ., t. xxvi (1893), pp. 279—281	
946.	<i>Note on the theory of orthomorphosis</i>	418
	Quart. Math. Journ., t. xxvi (1893), pp. 282—288	
947.	<i>On a system of two tetrads of circles: and other systems of two tetrads</i>	425
	Camb. Phil. Soc. Proc., t. viii (1893), pp. 54—59	
948.	<i>Report of a Committee appointed for the purpose of carrying on the tables connected with the Pellian equation from the point where the work was left by Degen in 1817</i>	430
	British Association Report, (1893), pp. 73—120	
949.	<i>On Halphen's characteristic n, in the theory of curves in space</i>	468
	Crelle's Journal der Mathem., t. cxii (1893), pp. 347—352	

	PAGE
950. <i>On the sextic resolvent equations of Jacobi and Kronecker</i>	473
Crelle's Journal der Mathem., t. cxiii (1894), pp. 42—49	
951. <i>Non-Euclidian geometry</i>	480
Camb. Phil. Soc. Trans., t. xv (1894), pp. 37—61	
952. <i>On the kinematics of a plane, and in particular on three-bar motion: and on a curve-tracing mechanism</i>	505
Camb. Phil. Soc. Trans., t. xv (1894), pp. 391—402	
953. <i>On the nine-points circle</i>	517
Messenger of Mathematics, t. xxiii (1894), pp. 23—25	
954. <i>On the nine-points circle of a plane triangle</i>	520
Messenger of Mathematics, t. xxiii (1894), pp. 25—27	
955. <i>The numerical value of $\Pi(i)$, $=\Gamma(1+i)$</i>	522
Messenger of Mathematics, t. xxiii (1894), pp. 36—38	
956. <i>On Richelot's integral of the differential equation $\frac{dx}{\sqrt{X}} + \frac{dy}{\sqrt{Y}} = 0$</i>	525
Messenger of Mathematics, t. xxiii (1894), pp. 42—47	
957. <i>Illustrations of Sylow's theorems on groups</i>	530
Messenger of Mathematics, t. xxiii (1894), pp. 59—62	
958. <i>On the surface of the order n which passes through a given cubic curve</i>	534
Messenger of Mathematics, t. xxiii (1894), pp. 79, 80	
959. <i>Note on Plücker's equations</i>	536
Messenger of Mathematics, t. xxiv (1895), pp. 23, 24	
960. <i>On the circle of curvature at any point of an ellipse</i>	537
Messenger of Mathematics, t. xxiv (1895), pp. 47, 48	
961. <i>A trigonometrical identity</i>	538
Messenger of Mathematics, t. xxiv (1895), pp. 49—51	
962. <i>Co-ordinates versus quaternions</i>	541
Proc. Roy. Soc. Edin., t. xx (1895), pp. 271—275	
963. <i>Note on Dr Muir's Paper "A problem of Sylvester's in Elimination"</i>	545
Proc. Roy. Soc. Edin., t. xx (1895), pp. 306—308	

CONTENTS.		xiii
		PAGE
964.	<i>On the nine-points circle of a spherical triangle</i> Quart. Math. Journ., t. xxvii (1895), pp. 35—39	548
965.	<i>On the sixty icosahedral substitutions</i> Quart. Math. Journ., t. xxvii (1895), pp. 236—242	552
966.	<i>Note on a memoir in Smith's Collected Papers</i> Bulletin of the American Math. Soc., 2 nd Ser., t. i (1895), pp. 94—96	558
*967.	<i>An elementary treatise on elliptic functions</i> First edition, 1876, second edition, 1895	560