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### NOTE:

The numbering of the Mathematical Notes in Volume 1 went astray.

Up to MNote 106 was OK.

107 was missed out but appeared again in Mar 1904, p 7.

Two 114's appeared on p 209.

In Dec 1902 (p 224) the numbering went back to 109 and 110.

Then it jumped to 115 and 116 and these were followed by 119 (p 242), 120, 121, 122, ...

Therefore, we have no MNotes 117 or 118 but do have two of each of 114, 109 and 110. For these three the first appearance was given a suffix "A" and the second a "B".

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(1) See June 1897, p 119 about No.179

(2) Corrections to 350 and 355 appear in May 1900, p 345

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			12	July 1907 (2 replies)	104	32	May 1908	272	52	July 1908	320

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Solutions of examination questions	Gazette	Apr 1894	July 1894	Dec 1894	Feb 1895	May 1895
	Page	5	13	22	33	44
	Numbers	1 – 6	7 – 11	12 – 17	18 – 27	28 – 37

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**Questions for solution by students    (Later: Examination questions and problems )**

Gazette	Page	Numbers	Gazette	Page	Solutions
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July 1894	15	18 – 28	Apr 1896	17	18, 20, 22, 26, 30, 36, 38, 40, 43 – 50, 52, 55
Dec 1894	24	29 – 39	July 1896	44	67, 69 – 71, 73, 74, 76, 77, 79, 84 – 86, 88, 89
Feb 1895	36	40 – 45	Oct 1896	68	84 (again), 91, 94, 95, 103–105, 107, 117–120
May 1895	45	46 – 57	Feb 1897	90	94 (again), 59, 123, 124, 128, 130, 133–141, 143
Oct 1895	59	58 – 61	June 1897	113	133, 145–149, 151, 153–156, 158, 159, 173, (178)
Apr 1896	14	62 – 90	Oct 1897	133	125, 155, 157, 160–166, 168, 169, 174, 176, 180, 181, 183–188, 190–193, 195
July 1896	41	91 – 120	Feb 1898	164	197–213
Oct 1896	65	121 – 150	June 1898	193	131, 201, 208, 214–218, 220–224, 227
Feb 1897	87	151 – 180 (1)	June 1898	193	(90, 172), 219, 225, 226, 228–234
June 1897	111	181 – 200	Feb 1899	235	150, 170, 194, 221, 235–248
Oct 1897	131	201 – 220	June 1899	261	249–251, 253–257, 259–264, 269, 270, 272
Feb 1898	162	221 – 240	Oct 1899	282	167, 267, 268, 273, 277, 280–282, 284, 286, 288–290, 292–298, 300–302, 304, 305, 309, 314–316, 318, 319
June 1898	191	241 – 259	Feb 1900	321	258, 275, 303
Oct 1898	215	260 – 279	May 1900	346	111–116, 121, 122, 127, 132, 153, 177, 182, 189, 196, 265, 266, 278, 291, 298, 299, 310, 317, 319, 321–325, 328–333, 335
Feb 1899	232	280 – 299	July 1900	372	293, 308, 313, 334, 339, 340, 342, 343, 348, 351–355, 357, 358, 359, 361
June 1899	258	300 – 319	Oct 1900	395	57, 129, 144, 152
Oct 1899	279	320 – 339	Dec 1900	414	19, 21, 23–25, 27, 29, 33–35, 41, 80, 274, 276, 285
Feb 1900	320	340 – 349	Jan 1901	13	175, 252, 271, 287, 306, 307, 311, 320, 327, 344, 345, 347, 350, 360, 362, 363, 365–367, 372, 385, 386, 28, 32, 39, 42
Mar 1900	338	350 – 359	Mar 1901	37	51, 53, 54, 56, 58, 61–66, 68, 72, 75, 78, 98, 111, 126, 142, 366, 380, 383, 386
May 1900	345	360 – 369 (2)	May 1901	62	384
July 1900	371	370 – 379	July 1901	76	60, 81–83, 87, 92, 93, 95–101
Oct 1900	394	380 – 389	Oct 1901	101	102, 106, 108–110, 364, 375, 380
Dec 1900	413	390 – 399	Dec 1901	124	356, 369, 387, 388
Jan 1901	12	400 – 409	Mar 1902	163	390
Mar 1901	35	410 – 419	May 1902	180	391 (see, also, MNote 112, p 191, July 1902)
May 1901	60	420 – 429	July 1902	192	392, 394, 396, 399, 409

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July 1901	75	430 – 439	Dec 1902	232	393, 398, 402, 403, 405, 407, 408, 411
Oct 1901	99	440 – 449	Jan 1903	251	400, 413
Dec 1902	231	450 – 459	Mar 1903	270	406 (corrected), 415, 416, 419, 425, 450, 451, 453
Jan 1903	250	460 – 468	May 1903	296	338, 382, 410, 412, 417, 424
Mar 1903	269	469 – 480	July 1903	321	418, 421
May 1903	295	481 – 490	Dec 1903	364	426–428, 432
July 1903	320	491 – 500	Jan 1904	385	433–435, 463
Dec 1903	363	501 – 510	May 1904	44	422, 423, 429, 442, 481, 483
Jan 1904	384	511 – 520	July 1904	71	497
		Apr 1907		41	521 – 607
		Jan 1908 – Part I		169	608 – 682
		Nov 1908		345	683 – 754

(1) See June 1897, p 119 about No.179

(2) Corrections to 350 and 355 appear in May 1900, p 345

Queries		Answers to queries									
Number	Issue	Page	Number	Issue	Page	Number	Issue	Page	Number	Issue	Page
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15 – 23	Oct 1907	130	3	July 1907	102	19	Dec 1907	166	38	Mar 1908	237
24 – 34	Dec 1907	165	6	Oct 1907	131	22	Jan 1908 – Part II	213		June 1908	295
35 – 48	Jan 1908 – Part II	212	7	Jan 1908 – Part II	212	23	Dec 1907	166	39	Mar 1908	238
49 (only)	Mar 1908	233	8	July 1907	102		Jan 1908 – Part II (2 replies)	213		June 1908	296
50 – 57	June 1908	295		Oct 1907	131	24	Jan 1908 – Part II	214	41	Mar 1908 (2 replies)	238
59 – 60	Oct 1908	342	9	Oct 1907	131	25	Jan 1908 – Part II	214	42	Mar 1908	238
			10	Jan 1908 – Part II	213	27	Jan 1908 – Part II	214	43	Mar 1908	239
				Oct 1907 (2 replies)	132	28	Jan 1908 – Part II	214		Oct 1908	342
				Jan 1908 – Part II	213		Mar 1908	235	44	Mar 1908	239
				Mar 1908 (2 replies)	234	29	Jan 1908 – Part II	215	46	Mar 1908	239
			12	July 1907 (2 replies)	104	32	May 1908	272	52	July 1908	320

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July 1896	41	91 – 120	Feb 1898	164	197 – 213
Oct 1896	65	121 – 150	June 1898	193	131, 201, 208, 214 – 218, 220 – 224, 227
Feb 1897	87	151 – 180 (1)	June 1898	193	(90, 172), 219, 225, 226, 228 – 234
June 1897	111	181 – 200	Feb 1899	235	150, 170, 194, 221, 235 – 248
Oct 1897	131	201 – 220	June 1899	261	249 – 251, 253 – 257, 259 – 264, 269, 270, 272
Feb 1898	162	221 – 240	Oct 1899	282	167, 267, 268, 273, 277, 280 – 282, 284, 286, 288 – 290, 292 – 298, 300 – 302, 304, 305, 309, 314 – 316, 318, 319
June 1898	191	241 – 259	Feb 1900	321	258, 275, 303

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Oct 1898	215	260 – 279	May 1900	346	111–116, 121, 122, 127, 132, 153, 177, 182, 189, 196, 265, 266, 278, 291, 298, 299, 310, 317, 319, 321–325, 328–333, 335
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Queries			Answers to queries								
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49 (only)	Mar 1908	233	8	July 1907	102		Jan 1908 – Part II (2 replies)	213		June 1908	296
50 – 57	June 1908	295		Oct 1907	131	24	Jan 1908 – Part II	214	41	Mar 1908 (2 replies)	238
59 – 60	Oct 1908	342	9	Oct 1907	131	25	Jan 1908 – Part II	214	42	Mar 1908	238
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			10	Oct 1907 (2 replies)	132	28	Jan 1908 – Part II	214		Oct 1908	342
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\* In May 1913 the numbers 387 to 391 were used a second time to count the Mathematical Notes, the first occasion being in the January (Special) edition for 1913. In this Index the second time of use has been identified with the addition of the suffix 'A'.

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Nick Lord	The most elementary proof that $\sum_{k=1}^{\infty} \frac{1}{k^2} = \frac{\pi^2}{6}$ ?	429	November 2016	Article
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Nick Lord	When does $n!$ have $n$ digits?	293	July 2017	Note 101.16
Nick Lord	An area conundrum	325	July 2017	Teaching Note
Nick Lord	The versatile exponential inequality $e^x \geq 1 + x$	470	November 2017	Note 101.28
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Nick Lord	An unexpected appearance of the golden ratio	98	March 2017	Note 101.04
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Nick Lord	A visual proof that $\sqrt{N}$ is irrational	311	July 2018	Note 102.23
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Nick Lord	Extending runs of composite numbers	351	July 2018	Teaching Note
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Nick Lord	Another proof of the irrationality of square roots	511	November 2018	Note 102.44
Nick Lord	On the converse of a STEP question about centroids	538	November 2018	Teaching Note
Nick Lord	Separating the effects of air resistance and restitution	163	March 2019	Teaching Note
Nick Lord	More equal volumes of revolution	168	March 2019	Teaching Note
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Athina Lorentziadi	Calculation of $\pi$ with a needle	111	March 2019	Article
T. Nigel Lucas	Obtaining derivatives of trigonometric functions using mechanics	522	November 2010	Teaching Note
T. Nigel Lucas	Further derivatives of trigonometric functions using mechanics	520	November 2013	Note 97.50
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Des MacHale and Joseph Manning	Variations on twin primes	265	July 2013	Note 97.18
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John D. Mahony	Wind over tide	273	July 2014	Article
John D. Mahony	Piecing it together	40	March 2015	Article
John D. Mahony	Piecing it together	363	July 2015	Article
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H. Matsui, D. Minematsu, T. Yamauchi and R. Miyadera	Pascal-like triangles and Fibonacci-like sequences	27	March 2010	Article
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K. Robin McLean	Latin square matrices and their inverses	265	July 2019	Article
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Ognjen Milatovic	A property of odd terms of a generalised Fibonacci sequence	262	July 2011	Note 95.21
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Samuel G. Moreno and Esther M. García-Caballero	$\Gamma^2(\frac{1}{2})$ is more than just $\pi$	430	November 2013	Article
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