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## Mathematics Library News 13

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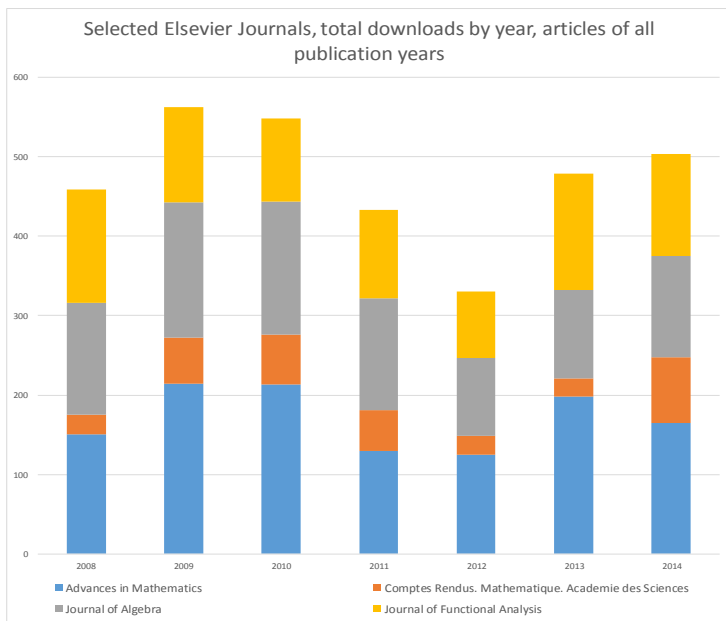
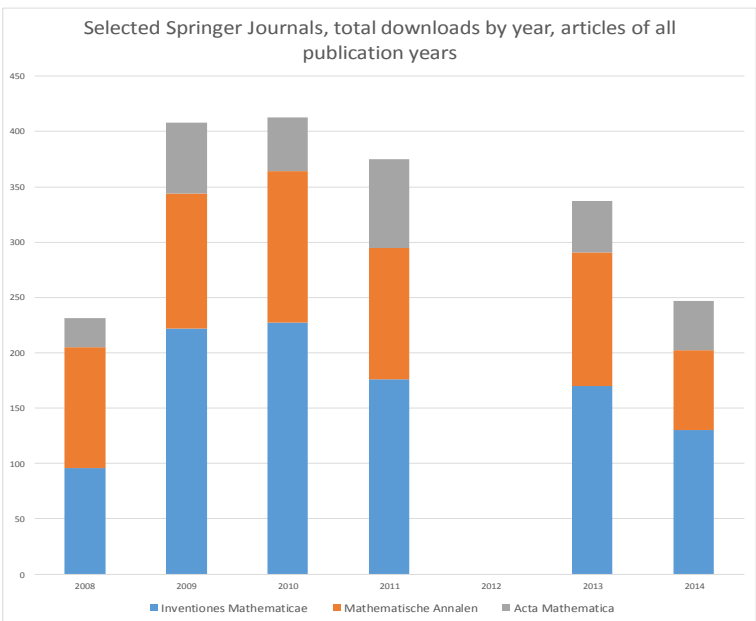
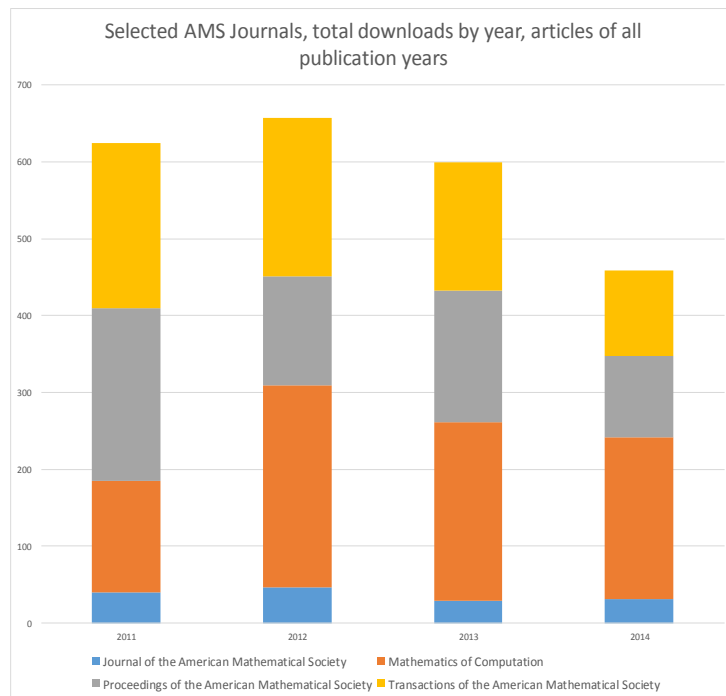
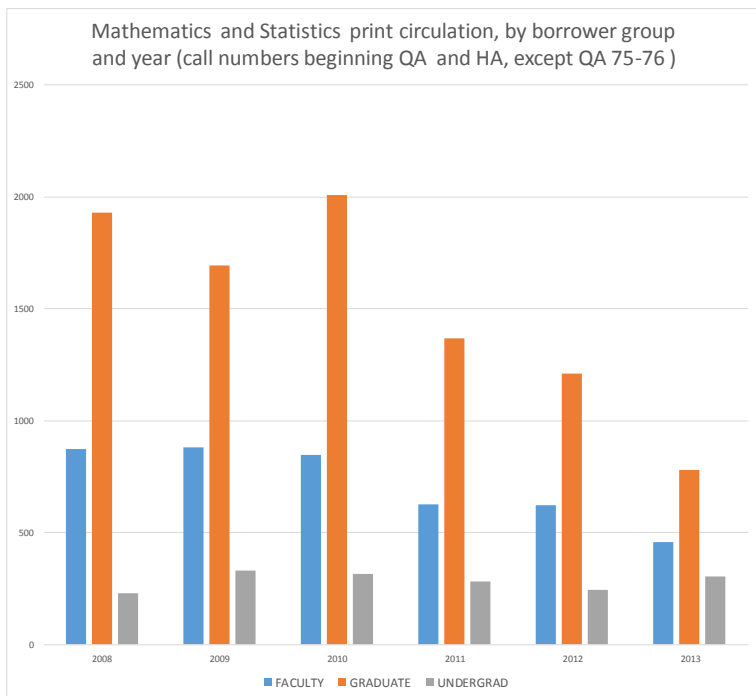
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# Mathematics library news 13 May 2015

On this page are data on LSU print book circulation and LSU electronic journal downloads for mathematics books and journals. For access to these data I thank my colleagues Alice Daugherty and Michael Waugh. On the next two pages are reanalysis of results from the LSU Mathematics Department of a 2009 Library survey of faculty journal preferences. Faculty ratings were summed and then ranked to find an aggregate departmental ranking of journals. These rankings are matched with current (2013) Journals Citation Reports citation totals and impact factor. Correlations are low, since citation and impact factor ranking are for all results from Mathematics faculty, among which the highest citation totals and impact factors are for physics and electrical engineering journals, not only mathematics. I do not know why there are discrepancies with a similar analysis I sent you a year ago. This time I worked from the original data.



JOURNAL_TITLE	ISSN	Sum	Aggregate faculty rank	{2013} Total Cites	Cites rank	Impact Factor	Impact factor rank
Annals of Mathematics	0003-486X	54	1	8926	32	2.822	19
Inventiones Mathematicae	0020-9910	53	2	7060	36	2.123	34
Journal of the American Mathematical Society	0894-0347	52	3	2398	97	3.061	15
Proceedings of the American Mathematical Society	0002-9939	50	4	9794	30	0.627	190
Lecture Notes in Mathematics	0075-8434	49	5				
Advances in Mathematics	0001-8708	47	6	5548	46	1.353	83
Transactions of the American Mathematical Society	0002-9947	46	7.5	11192	26	1.095	107
Comptes Rendus. Mathematique. Academie des Sciences	1631-073X	46	7.5	1332	144	0.425	249
Bulletin of the American Mathematical Society	0273-0979	44	9	3525	70	1.172	98
Journal fuer die Reine und Angewandte Mathematik	0075-4102	43	10.5	4137	61	1.303	86
Proceedings of the London Mathematical Society	0024-6115	43	10.5	3237	75	1.121	103
Duke Mathematical Journal	0012-7094	41	12.5	4579	56	1.724	58
Mathematische Annalen	0025-5831	41	12.5	5897	43	1.201	92
American Journal of Mathematics	0002-9327	41	14	4013	63	1.649	64
American Mathematical Monthly	0002-9890	36	16	2645	87	0.315	276
Journal of the London Mathematical Society	0024-6107	35	17.5	3247	74	0.884	133
Journal of Algebra	0021-8693	35	17.5	6926	38	0.604	198
Journal of Functional Analysis	0022-1236	33	19	6951	37	1.152	100
Acta Mathematica	0001-5962	32	21.5	3096	78	3.033	16
Memoirs of the American Mathematical Society	0065-9266	32	21.5	2069	106	1.782	56
Bulletin of the London Mathematical Society	0024-6093	32	21.5	1570	126	0.699	165
Journal of Mathematical Analysis and Applications	0022-247X	32	21.5	18179	15	1.119	104
Commentarii Mathematici Helvetici	0010-2571	30	25	1461	131	0.902	129

JOURNAL_TITLE	ISSN	Sum	Aggregate faculty rank	{2013} Total Cites	Cites rank	Impact Factor	Impact factor rank
Mathematische Zeitschrift	0025-5874	30	25	4263	59	0.681	168
Pacific Journal of Mathematics	0030-8730	30	25	3631	68	0.451	243
Geometry & Topology	1465-3060	29	27.5	852	179	0.817	142
Journal of Mathematical Physics	0022-2488	29	27.5	13671	21	1.176	97
Israel Journal of Mathematics	0021-2172	28	29	2553	91	0.659	174
Journal of Combinatorial Theory Series B	0095-8956	27	31	2084	104	0.939	123
Indiana University mathematics journal	0022-2518	27	31	2602	89	0.358	265
Journal of Graph Theory	0364-9024	27	31	1530	128	0.671	172
Mathematical Proceedings of the Cambridge Philosophical Soc	0305-0041	26	33.5	2049	107	0.832	141
Canadian Journal of Mathematics	0008-414X	26	33.5	1874	113	0.741	153
Communications on Pure and Applied Mathematics	0010-3640	37	37	6904	39	3.08	14
Annales Scientifiques de l'Ecole Normale Supérieure	0012-9593	25	37	1739	120	1.227	90
Archive for Rational Mechanics and Analysis	0003-9527	25	37	6187	41	2.022	38
Communications in Partial Differential Equations	0360-5302	25	37	2490	94	1.194	94
Journal de Mathématiques Pures et Appliquées	0021-7824	25	37	1971	110	1.217	91
Combinatorics, Probability & Computing	0963-5483	25	37	619	210	0.619	193
Asterisque	0303-1179	24	41.5	1469	130	0.896	132
Combinatorica	0209-9683	24	41.5	1247	149	0.63	188
Annales de l'Institut Fourier	0373-0956	24	41.5	1684	123	0.635	184
Geometriae Dedicata	0046-5755	24	41.5	1115	158	0.469	236
Journal of Differential Geometry	0022-040X	23	46.5	3141	77	1.093	108
Bulletin de la Société Mathématique de France	0037-9484	23	46.5	1022	164	0.524	223
Physica D: Nonlinear Phenomena	0167-2789	23	46.5	10008	29	1.829	51
Michigan Mathematical Journal	0026-2285	23	46.5	925	170	0.646	181
Journal of Pure and Applied Algebra	0022-4049	23	46.5	2585	90	0.578	206
Canadian Mathematical Bulletin	0008-4395	23	46.5	849	181	0.325	273