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Program Quality Review - Department of Mathematics (2000)

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PROGRAM QUALITY REVIEW

DEPARTMENT OF MATHEMATICS

LIBRARY COLLECTIONS/SERVICES, 2000-2001

I. FY97-99 Expenditures for Books and Journals [including electronic databases]: all URI academic departments are provided with a yearly allocation for books. The following provides recent expenditures for your department [along with departments covering related subject areas]:

Dept.	FY97 Books	FY97 Jrnls	FY97 Total	FY98 Books	FY98 Jrnls	FY98 Total	FY99 Books	FY99 Jrnls	FY99 Total
URI total	418522	1588691	2007213	416802	1405294	1822096	391203	1520471	1911674
MTH	2328	56242	58570	2801	33447	36248	1093	35300	36393
CSC	257	8908	9165	891	8562	9453	1152	9029	10181

Note: Does not include Cloudman endowment funds of \$13-14,000 p.a. spent entirely on mathematics.

II. View of Book Collections by Selective Subjects (LC): the following provides a broad look at the scope of URI's book collection, recent activity in adding to the collection, the scope of that activity in relation to the whole and in relation to other medium size academic libraries, and the latest circulation statistics:

Subject [LC]	Total Items as of 6/99	% of Total Items Held	Books Added 95/99	% of Items Added	Circ. Stats FY99	% of Total Circ.	Books Added 1983- 1993	Avg. Added Peer Group
QA1-74 mathematics	7164	0.874	373	1.306	689	1.080	996	872
QA100-145 arithmetic	214	0.026	22	0.077	7	0.011	55	74
QA150-299 algebra	4967	0.606	178	0.623	699	1.096	812	937
QA300-433 calculus	3274	0.399	88	0.308	335	0.525	584	576

QA440-799 geom./trig.	1247	0.152	42	0.147	104	0.163	187	242
QA801-939 anal. Mech.	1324	0.162	14	0.049	77	0.121	135	94
HA statistics	1386	0.169	39	0.137	116	0.182	105	108

III. Scholarly Books published FY97-FY99: the following provides a look at the numbers of book titles supplied to academic libraries in FY97-FY99:

Subject	1996/97	1996/97	1997/98	1997/98	1998/99	1998/99
	# of titles	\$ of titles	# of titles	\$ of titles	# of titles	\$ of titles
Mathematics	2,647	\$160,263	2,540	\$158,601	2,857	\$186,299
Statistics	39	\$2,020	27	\$1,620	50	\$2,900

IV. Selective Journal Holdings: SSCI provides rankings of scientific journals based on a number of categories. The following is the ranking published in Journal Citation Reports for 1998, by impact factor:

Subject	# of titles	URI Holdings	URI holdings of top ten	URI holdings of 11-20
Mathematics	138	28	5	2
Math., Applied	127	31	5	7
Math., Miscel.	20	11	6	5
Statistics & probability	56	16	8	4
Comp.sci., theory & methods	64	22	8	4