

[20_03]九州大学大型計算機センター広報表紙奥付等

<https://hdl.handle.net/2324/1468147>

出版情報：九州大学大型計算機センター広報. 20 (3), 1987-05-25. 九州大学大型計算機センター
バージョン：
権利関係：



サブルーチン形式プログラム使用頻度調査

LIBRARY COUNT

OCTOBER,1986 - MARCH,1987

*** FORTRAN LIBRARY ***

NO.	LIBRARY NAME	ENTRY NAME	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL
1	C=C	F#ACMC	180	99	196	554	347	114	1490
2	DC=DC	F#ACMX	159	100	198	366	261	58	1142
3	QC=QC	F#AZMZ	159	99	196	366	261	58	1139
4	Q/Q	F#AQDQ	765	537	1360	1023	1927	476	6088
5	C/C	F#ACDC	2289	2685	2422	2824	3783	1544	15547
6	DC/DC	F#AXDX	3771	2830	4141	4280	6209	2537	23768
7	QC/QC	F#AZDZ	14	218	134	77	14	94	551
8	I=I	F#AIXI	12839	17340	19968	19468	24150	8927	102692
9	R=I	F#ARXI	13389	16004	19726	22181	29742	9824	110868
10	R=R	F#ARXR	9766	10913	14763	16503	20189	6395	78529
11	D=I	F#ADXI	3090	2745	3677	4822	4745	2047	21126
12	D=D	F#ADXD	5523	5911	7233	9101	9673	4398	41639
13	Q=I	F#AQXI	216	142	325	406	288	115	1492
14	Q=Q	F#AQXQ	289	183	250	373	313	165	1573
15	C=I	F#ACXI	1176	1557	1426	1451	2257	820	8667
16	DC=I	F#AXXI	2443	1702	2158	2674	4258	1497	14712
17	QC=I	F#AZXI	161	99	198	369	275	103	1205
18	10.0=R	F#ATXR	5371	8131	8984	10576	15061	4356	52479
19	10.0=D	F#ATXD	280	576	805	1062	623	175	3521
20	10.0=Q	F#ATXQ	159	99	196	366	261	58	1139
21	2.0=R	F#AZXR	134	177	20	284	191	136	942
22	2.0=D	F#AZXD	29	878	1145	881	964	38	3935
23	2.0=Q	F#AZXQ	0	0	0	0	17	0	17
24	LOG	LOG	0	0	0	0	0	0	0
25	ALOG	ALOG	212	47	27	88	91	14	479
26	ALOG	F#ALOG	4962	7085	6476	9664	10746	3585	42518
27	DLOG	DLOG	1	1	0	1	0	0	3
28	DLOG	F#DLOG	6707	6394	9416	11507	13153	4552	51729
29	QLOG	QLOG	0	0	0	0	0	0	0
30	QLOG	F#QLOG	324	272	675	542	432	115	2360
31	QLOG	CLOG	0	0	0	0	0	0	0
32	CLOG	F#CLOG	536	984	279	691	723	417	3630
33	CDLOG	CDLOG	0	0	0	0	0	0	0
34	CDLOG	F#CDLOG	1924	766	1191	1289	1840	1109	8119
35	DCLOG	DCLOG	0	0	0	0	0	0	0
36	CQLOG	CQLOG	0	0	0	0	0	0	0
37	CQLOG	F#CQLOG	159	99	196	366	269	58	1147
38	LOG10	LOG10	0	0	0	0	0	0	0
39	ALOG10	ALOG10	741	575	840	810	1020	402	4388
40	ALOG10	F#ALOG10	8728	10756	14061	13460	16340	6214	69559
41	DLOG10	DLOG10	0	0	0	0	0	0	0
42	DLOG10	F#DLOG10	1117	1999	2678	1958	1924	660	10336
43	QLOG10	QLOG10	0	0	0	0	0	0	0
44	QLOG10	F#QLOG10	229	66	68	59	58	0	480
45	LOG2	LOG2	0	0	0	0	0	0	0
46	ALOG2	ALOG2	0	0	0	0	0	0	0
47	ALOG2	F#ALOG2	58	155	70	518	388	42	1231
48	DLOG2	DLOG2	0	0	0	0	0	0	0
49	DLOG2	F#DLOG2	6	0	0	3	25	0	34
50	QLOG2	QLOG2	0	0	0	0	0	0	0
51	QLOG2	F#QLOG2	0	0	0	0	0	0	0
52	EXP	EXP	0	0	0	0	0	0	0
53	EXP	F#EXP	8537	9125	13145	15738	17703	6819	71067
54	DEXP	DEXP	6	10	27	5	9	1	58
55	DEXP	F#DEXP	9000	8572	11532	11037	15425	6138	61704
56	QEXP	QEXP	0	0	0	0	0	0	0
57	QEXP	F#QEXP	14	152	483	243	1015	57	1964
58	CEXP	CEXP	1	1	0	0	0	0	2
59	CEXP	F#CEXP	1633	1977	2247	2550	3627	1754	13788
60	CDEXP	CDEXP	0	0	0	0	0	0	0
61	CDEXP	F#CDEXP	3471	2321	3065	3762	5541	1682	19842
62	DCEXP	DCEXP	0	0	0	0	0	0	2
63	CQEXP	CQEXP	0	0	0	0	0	0	0
64	CQEXP	F#CQEXP	161	99	196	366	269	58	1149
65	EXP10	EXP10	0	0	0	0	0	0	0
66	EXP10	F#EXP10	166	537	796	497	981	79	3056
67	DEXP10	DEXP10	0	0	0	0	0	0	0
68	DEXP10	F#DEXP10	237	71	291	524	53	35	1211
69	QEXP10	QEXP10	0	0	0	0	0	0	0
70	QEXP10	F#QEXP10	0	0	0	0	0	0	0
71	EXP2	EXP2	0	0	0	0	0	0	0
72	EXP2	F#EXP2	0	0	51	0	9	0	60
73	DEXP2	DEXP2	0	0	0	0	0	0	0
74	DEXP2	F#DEXP2	0	0	0	0	0	0	0
75	QEXP2	QEXP2	0	0	0	0	0	0	0
76	QEXP2	F#QEXP2	0	0	0	0	0	0	0
77	SQRT	SQRT	556	999	699	785	648	279	3966
78	SQRT	F#SQRT	21796	26752	36950	34918	40058	14386	174860
79	DSQRT	DSQRT	8	8	27	7	9	1	60
80	DSQRT	F#DSQRT	15519	16293	21066	23771	28561	12670	117880
81	QSRT	QSRT	0	0	0	0	0	0	0
82	QSRT	F#QSRT	470	367	747	729	567	416	3296
83	CSQRT	CSQRT	0	0	0	0	0	0	0
84	CSQRT	F#CSQRT	739	767	503	527	349	580	3435
85	CDSQRT	CDSQRT	0	0	0	0	0	0	0
86	CDSQRT	F#CDSQRT	1997	1506	1894	2319	4381	1200	13297
87	DCSQRT	DCSQRT	0	1	0	0	0	0	1
88	CQSRT	CQSRT	0	0	0	0	0	0	0
89	CQSRT	F#CQSRT	0	0	0	0	0	0	0
90	CBRT	CBRT	0	0	0	0	0	0	0
91	CBRT	F#CBRT	19	6	53	1	128	1	208
92	DCBRT	DCBRT	0	0	0	0	0	0	0
93	DCBRT	F#DCBRT	573	247	899	572	622	356	3269
94	QCBRT	QCBRT	0	0	0	0	0	0	0

*** FORTRAN LIBRARY ***

NO.	LIBRARY NAME	ENTRY NAME	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL
95	QCBRT	F#QCBRT	0	0	0	0	0	0	0
96	ASIN	ASIN	0	0	0	0	0	0	0
97	ARSIN	ARSIN	42	190	120	112	91	45	600
98	ARSIN	F#ARSIN	0	0	0	0	0	0	0
99	DARSIN	DARSIN	0	8	12	0	4	0	24
100	DARSIN	F#DARSIN	0	0	0	0	0	0	0
101	QARSIN	QARSIN	0	0	0	0	0	0	0
102	QARSIN	F#QARSIN	0	0	0	0	0	0	0
103	ACOS	ACOS	0	0	0	0	0	0	0
104	ARCOS	ARCOS	36	8	134	92	45	141	456
105	ARCOS	F#ARCOS	0	0	0	0	0	0	0
106	DARCOS	DARCOS	102	35	6	62	16	9	230
107	DARCOS	F#DARCOS	17	0	0	0	14	6	37
108	QARCOS	QARCOS	0	0	0	0	0	0	0
109	QARCOS	F#QARCOS	0	0	0	0	0	0	0
110	ATAN	ATAN	7	0	6	90	71	12	186
111	ATAN	F#ATAN	5168	5566	6621	7218	9672	2990	37235
112	DATAN	DATAN	0	0	0	0	0	0	0
113	DATAN	F#DATAN	4314	4267	4381	5574	10228	4127	32891
114	QATAN	QATAN	0	0	0	0	0	0	0
115	QATAN	F#QATAN	27	57	0	99	8	0	191
116	ATAN2	ATAN2	85	13	22	68	71	2	261
117	ATAN2	F#ATAN2	5074	5182	6380	5399	7302	2476	31813
118	DATAN2	DATAN2	0	0	0	0	0	0	0
119	DATAN2	F#DATAN2	1485	1094	2260	3484	3201	550	12074
120	QATAN2	QATAN2	0	0	0	0	0	0	0
121	QATAN2	F#QATAN2	159	97	189	366	261	58	1130
122	SIN	SIN	0	0	0	0	0	0	0
123	SIN	F#SIN	1559	1751	2553	2653	1821	1064	11401
124	DSIN	DSIN	0	0	0	0	0	0	0
125	DSIN	F#DSIN	804	2454	2579	2444	2685	1350	12316
126	QSIN	QSIN	0	0	0	0	0	0	0
127	QSIN	F#QSIN	159	97	196	378	262	58	1150
128	CSIN	CSIN	0	0	0	0	0	0	0
129	CSIN	F#CSIN	1	0	0	1	8	1	11
130	CDSIN	CDSIN	0	0	0	0	0	0	0
131	CDSIN	F#CDSIN	84	0	55	19	686	311	1155
132	DCSIN	DCSIN	0	0	0	0	0	0	0
133	DCSIN	F#DCSIN	0	0	0	0	0	0	0
134	COSIN	COSIN	0	0	0	0	8	0	8
135	COS	COS	1027	1047	1004	947	1364	477	5866
136	COS	F#COS	19382	23581	32116	29399	38636	12346	155460
137	DCOS	DCOS	0	0	0	0	0	0	0
138	DCOS	F#DCOS	8478	9780	11264	14563	19544	7485	71114
139	QCOS	QCOS	0	0	0	0	0	0	0
140	QCOS	F#QCOS	26	163	485	177	226	57	1134
141	CCOS	CCOS	0	0	0	0	0	0	0
142	CCOS	F#CCOS	332	176	26	34	60	17	645
143	CDCOS	CDCOS	0	0	0	0	0	0	0
144	CDCOS	F#CDCOS	120	151	410	137	1237	143	2198
145	DCCOS	DCCOS	0	0	0	0	0	0	0
146	QCOS	QCOS	0	0	0	0	0	0	0
147	QCOS	F#QCOS	0	0	0	0	0	0	0
148	TAN	TAN	0	0	0	0	0	0	0
149	TAN	F#TAN	2228	2335	4284	3991	4731	862	18431
150	DTAN	DTAN	0	0	0	0	0	0	0
151	DTAN	F#DTAN	984	1752	1866	1502	2268	678	9050
152	QTAN	QTAN	0	0	0	0	0	0	0
153	QTAN	F#QTAN	2	9	0	0	72	0	83
154	COT	COT	0	1	0	0	1	0	2
155	COTAN	COTAN	0	0	0	0	0	0	0
156	COTAN	F#COTAN	171	170	217	208	591	277	1634
157	DCOT	DCOT	0	0	0	0	0	0	0
158	DCOTAN	DCOTAN	0	0	0	0	0	0	0
159	DCOTAN	F#DCOTAN	258	559	317	396	753	300	2583
160	QCOTAN	QCOTAN	0	0	0	0	0	0	0
161	QCOTAN	F#QCOTAN	0	0	0	0	8	0	8
162	QCOTAN	F#QCOTAN	0	0	0	0	0	0	0
163	SINH	SINH	0	0	0	0	0	0	0
164	SINH	F#SINH	40	26	11	153	164	113	507
165	DSINH	DSINH	0	0	0	0	0	0	0
166	DSINH	F#DSINH	12	0	3	1	145	120	281
167	QSINH	QSINH	0	0	0	0	0	0	0
168	QSINH	F#QSINH	0	0	0	0	0	0	0
169	COSH	COSH	0	0	0	0	0	0	0
170	COSH	F#COSH	1221	1521	3036	2495	4515	1887	14675
171	DCOSH	DCOSH	0	0	0	0	0	0	0
172	DCOSH	F#DCOSH	1056	1534	2713	2994	3855	1766	13918
173	QCOSH	QCOSH	0	0	0	0	0	0	0
174	QCOSH	F#QCOSH	9	23	14	8	9	0	63
175	TANH	TANH	0	0	0	0	0	0	0
176	TANH	F#TANH	539	445	1471	1812	1502	797	6566
177	DTANH	DTANH	0	0	0	0	0	0	0
178	DTANH	F#DTANH	162	912	1757	195	2282	572	7644
179	QTANH	QTANH	0	0	0	0	0	0	0
180	QTANH	F#QTANH	0	0	0	0	0	0	0
181	ERF	ERF	0	0	0	0	0	0	0
182	ERF	F#ERF	360	268	272	149	617	0	1666
183	DERF	DERF	0	0	0	0	0	0	0
184	DERF	F#DERF	140	145	128	221	283	21	938
185	QERF	QERF	0	0	0	0	0	0	0
186	QERF	F#QERF	0	0	0	0	0	0	0
187	ERFC	ERFC	0	0	0	0	0	0	0
188	ERFC	F#ERFC	35	190	120	111	103	31	590
189	DERFC	DERFC	0	0	0	0	0	0	0
190	DERFC	F#DERFC	35	190	120	111	91	31	578
191	QERFC	QERFC	0	0	0	0	0	0	0
192	QERFC	F#QERFC	0	0	0	0	0	0	0
193	GAMMA	GAMMA	0	0	0	0	0	0	0
194	GAMMA	F#GAMMA	0	0	137	371	182	11	714
195	DGAMMA	DGAMMA	0	0	0	0	0	0	0
196	DGAMMA	F#DGAMMA	135	274	80	300	201	77	1067

LIBRARY COUNT

OCTOBER,1986 - MARCH,1987

*** FORTRAN LIBRARY ***

NO.	LIBRARY NAME	ENTRY NAME	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL
197	QGAMMA	QGAMMA	0	0	0	0	0	0	0
198	QGAMMA	F#QGAMMA	0	0	0	0	0	0	0
199	LGAMMA	LGAMMA	0	0	0	0	0	0	0
200	ALGAMA	ALGAMA	0	0	0	0	0	0	0
201	ALGAMA	F#ALGAMA	3	1	0	0	1	29	34
202	DLGAMA	DLGAMA	0	0	0	0	0	0	0
203	DLGAMA	F#DLGAMA	0	0	0	0	0	0	0
204	QLGAMA	QLGAMA	0	0	0	0	0	0	0
205	QLGAMA	F#QLGAMA	0	0	0	0	0	0	0
206	CABS	CABS	1	1	0	0	0	0	2
207	CABS	F#CABS	2188	2073	1745	3119	3795	1348	14268
208	CDABS	CDABS	0	0	0	0	0	0	0
209	CDABS	F#CDABS	3012	2120	3691	3360	5622	2099	19904
210	DCABS	DCABS	0	2	0	0	0	1	3
211	CQABS	CQABS	0	0	0	0	0	0	0
212	CQABS	F#CQABS	2	0	2	3	14	66	87
213	LABS	LABS	0	0	0	0	0	0	0
214	LABS	F#LABS	0	0	0	0	0	0	0
215	IRE	IRE	0	0	0	0	0	0	0
216	IRE	F#IRE	0	0	0	0	0	0	0
217	IDE	IDE	0	0	0	0	0	0	0
218	IDE	F#IDE	0	0	0	0	0	0	0
219	IQE	IQE	0	0	0	0	0	0	0
220	IQE	F#IQE	0	11	0	0	0	0	11
221	AMT	AMT	0	0	0	0	0	0	0
222	AMT	F#AMT	0	0	0	0	0	0	0
223	DMT	DMT	0	0	0	0	0	0	0
224	DMT	F#DMT	1	12	0	0	0	0	13
225	QMT	QMT	0	0	0	0	0	0	0
226	QMT	F#QMT	0	0	0	0	0	0	0
227	MAXO	MAXO	0	0	0	0	0	0	0
228	MAXO	F#MAXO	0	0	0	0	0	0	0
229	AMAXO	AMAXO	0	0	0	0	0	0	0
230	AMAXO	F#AMAXO	0	0	0	0	0	0	0
231	DMAXO	DMAXO	0	0	0	2	0	0	2
232	LMAXO	LMAXO	0	0	0	0	0	0	0
233	MAX1	MAX1	0	0	0	0	0	0	0
234	MAX1	F#MAX1	0	0	0	0	0	0	0
235	AMAX1	AMAX1	0	0	0	0	0	0	0
236	AMAX1	F#AMAX1	0	0	0	0	0	0	0
237	DMAX1	DMAX1	0	0	0	0	0	0	0
238	DMAX1	F#DMAX1	0	0	0	0	0	0	0
239	LMAX1	LMAX1	0	0	0	0	0	0	0
240	LMAX1	F#LMAX1	0	0	0	0	0	0	0
241	MINO	MINO	0	0	0	0	0	0	0
242	MINO	F#MINO	0	0	0	0	0	0	0
243	AMINO	AMINO	0	0	0	0	0	0	0
244	AMINO	F#AMINO	0	0	0	0	0	0	0
245	DMINO	DMINO	0	0	0	0	0	0	0
246	LMINO	LMINO	0	0	0	0	0	0	0
247	MIN1	MIN1	0	0	0	0	0	0	0
248	MIN1	F#MIN1	0	0	0	0	0	0	0
249	AMIN1	AMIN1	0	0	0	0	0	0	0
250	AMIN1	F#AMIN1	0	0	0	0	0	0	0
251	DMIN1	DMIN1	0	0	0	0	0	0	0
252	DMIN1	F#DMIN1	0	0	0	0	0	0	0
253	LMIN1	LMIN1	0	0	0	0	0	0	0
254	LMIN1	F#LMIN1	0	0	0	0	0	0	0
255	DMOD	DMOD	0	0	0	0	0	0	0
256	DMOD	F#DMOD	0	0	0	0	0	0	0
257	LMOD	LMOD	0	0	0	0	0	0	0
258	LMOD	F#LMOD	0	0	0	0	0	0	0
259	LINT	LINT	0	0	0	0	0	0	0
260	LINT	F#LINT	0	0	0	0	0	0	0
261	LDINT	LDINT	0	0	0	0	0	0	0
262	LDINT	F#LDINT	0	0	0	0	0	0	0
263	IDFIX	IDFIX	113	43	289	111	8	0	564
264	IDFIX	F#IDFIX	0	0	0	0	0	0	0
265	LFIX	LFIX	0	0	0	30	29	0	59
266	LDFIX	LDFIX	0	0	0	0	0	0	0
267	LSIGN	LSIGN	0	0	0	0	0	0	0
268	LSIGN	F#LSIGN	0	0	0	0	0	0	0
269	LDIM	LDIM	0	0	0	0	0	0	0
270	LDIM	F#LDIM	0	0	0	0	0	0	0
271	ISNGL	ISNGL	0	0	0	0	0	0	0
272	ISNGL	F#ISNGL	0	0	0	0	0	0	0
273	IDBLE	IDBLE	0	0	0	0	0	0	0
274	IDBLE	F#IDBLE	0	0	0	0	0	0	0
275	RANDOM	RANDOM	357	363	330	67	274	3	1394
276	RANDOM	F#RANDOM	0	0	0	0	0	0	0
277	SLITE	SLITE	0	0	2	0	0	0	2
278	SLITET	SLITET	0	0	0	0	0	0	0
279	OVERFL	OVERFL	13	13	2	140	54	22	244
280	DVCHK	DVCHK	76	26	53	150	57	54	416
281	DUMP	DUMP	0	0	0	0	0	0	0
282	DUMP	PDUMP	0	0	0	0	0	0	0
283	EXIT	EXIT	494	335	271	389	272	159	1922
284	DATE	DATE	12108	15303	17413	15751	22088	8008	90671
285	TIME	TIME	964	1243	1223	1767	2564	837	8598
286	CLOCK	CLOCK	1030	841	1673	2549	2755	938	9786
287	CLOCKM	CLOCKM	3340	3794	4541	5181	9441	3504	29801
288	DATAON	DATAON	466	298	625	660	752	496	3297
289	DATAOF	DATAOF	71	103	393	38	35	22	662
290	IBTOD	IBTOD	20	197	134	90	7	35	483
291	IVALUE	IVALUE	0	0	0	0	0	0	0
292	PRNSET	PRNSET	0	0	0	0	0	0	0
293	ERRSAV	ERRSAV	0	0	43	0	39	4	86
294	ERRSTR	ERRSTR	0	0	0	0	0	0	0
295	ERRSET	ERRSET	1088	1781	1931	2686	3724	1325	12535
296	ERRTRA	ERRTRA	115	212	213	635	915	564	2654
297	ERRMON	ERRMON	0	0	0	0	0	0	0
TOTAL			234153	266888	342090	366120	464897	168397	1842545

*** FORTRAN SSL ***

NO.	LIBRARY NAME	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL
1	CELL1S 完全積円積分 第1種	0	0	0	0	0	0	0
2	CELL2S 完全積円積分 第2種	0	0	0	0	0	0	0
3	EXPGD 指数積分1	0	0	0	0	0	0	0
4	GAMANS ガンマ関数 $\Gamma_n(x)$	0	0	0	0	0	0	0
5	GAMA1S ガンマ関数 $\Gamma(x)$	0	0	0	0	0	0	0
6	LNKAI1S $\log_e N!$ の計算	0	0	0	0	0	0	0
7	LNKAI2D "	0	0	0	0	0	0	0
8	FRESO フレネル積分	0	8	29	118	225	24	404
9	SID 正弦積分 $Si(x)$	0	0	0	0	0	0	0
10	CID 余弦積分 $Ci(x)$	0	0	0	0	0	0	0
11	BESJ0D 第1種ベッセル関数 $J_0(x)$	0	16	0	0	0	0	16
12	BESJ1D 第1種ベッセル関数 $J_1(x)$	0	28	0	0	0	0	28
13	BESY0D 第2種ベッセル関数 $Y_0(x)$	0	0	0	0	0	0	0
14	BESY1D 第2種ベッセル関数 $Y_1(x)$	0	0	0	0	0	0	0
15	BES10D 第1種変形ベッセル関数 $I_0(x)$	1	0	0	0	0	0	1
16	BES11D 第1種変形ベッセル関数 $I_1(x)$	0	0	0	0	0	0	0
17	BESK0D 第2種変形ベッセル関数 $K_0(x)$	1	0	456	140	229	12	838
18	BESK1D 第2種変形ベッセル関数 $K_1(x)$	0	0	456	140	229	12	837
19	LEGDD ルロワンドルの多項式	0	0	0	0	0	0	0
20	BEKIS ベータ関数	0	0	0	0	0	0	0
21	BEK1D "	0	0	0	0	0	0	0
22	BESJNS 第1種ベッセル関数 $J_n(x)$	0	482	65	15	0	0	562
23	BESJND "	0	0	0	0	0	0	0
24	BESYNS 第2種ベッセル関数 $Y_n(x)$	0	482	65	0	0	0	547
25	BESYND "	0	0	0	0	0	0	0
26	BES1NS 第1種変形ベッセル関数 $I_n(x)$	0	0	0	0	0	0	0
27	BES1ND "	0	0	0	0	0	0	0
28	BESKNS 第2種変形ベッセル関数 $K_n(x)$	0	1	0	0	0	0	1
29	BESKND "	0	0	0	0	25	12	37
30	CEP12S 完全積円積分第1種、第2種 1	0	0	0	0	0	0	0
31	CEP12D "	0	0	17	7	3	0	27
32	ENPG2S 指数積分2	0	0	0	0	0	0	0
33	ENPG2D "	0	0	0	0	0	0	0
34	HERMIS エルミートの多項式	0	0	0	0	0	0	0
35	HERMID "	0	0	0	0	0	0	0
36	LAGUES ラゲールの多項式	0	0	0	0	0	0	0
37	LAGUED "	0	0	0	0	0	0	0
38	JACBIS ヤコビの多項式	0	0	0	0	0	0	0
39	JACBID "	0	0	0	0	0	0	0
40	QKKEES 完全積円積分第1種、第2種 2	0	0	0	0	0	0	0
41	QKKEED "	0	6	1	0	0	0	7
42	THETAS 補角 θ (データ関数)	0	0	0	0	0	0	0
43	THETAD "	0	6	1	0	0	0	7
44	EJABIS ヤコビのE関数	0	0	0	0	0	0	0
45	EJABID "	0	0	0	0	0	0	0
46	CBESIS 楕円関数の第1種変形ベッセル関数 $I_n(x)$	0	0	0	0	0	0	0
47	CBES1D "	0	0	0	0	0	0	0
48	DIFLAS 数値積分 ラグランジュ乗分法	0	0	0	0	0	0	0
49	DIFLAD "	2	0	0	0	0	0	2
50	SIMPS 1次元有界区間積分 (補数入力) シンプソン1/3則	0	142	0	0	0	0	142
51	SIMPD "	6	2	0	0	0	31	39
52	GAUSSS 1次元有界区間積分 (任意点) ガウス積分	3	694	191	0	0	0	888
53	GAUSSD "	0	0	0	0	0	0	0
54	GAS3D 1次元有界区間積分 (3分点)	0	4	0	0	0	0	4
55	GAS4D "	0	21	0	0	0	0	21
56	GAS5D "	110	18	69	40	0	0	237
57	GAS6D "	0	21	0	0	0	0	21
58	GAS7D "	0	6	4	0	0	0	10
59	GAS8D "	0	21	0	0	0	0	21
60	GAS9D "	0	4	0	0	0	0	4
61	GAS10D "	104	56	95	24	0	0	279
62	GAS12D "	0	21	0	0	0	0	21
63	GAS16D "	0	8	23	0	25	0	56
64	GAS24D "	0	21	7	0	0	0	28
65	GAS32D "	142	234	121	92	336	123	1048
66	SIMP1S 1次元有界区間積分 (等間隔点入力) シンプソン1/3則	161	127	132	122	166	29	737
67	SIMP1D "	27	0	21	227	213	10	498
68	GSL4S 1次元半無界区間積分 (4分点) ガウス積分	0	0	0	0	0	0	0
69	GSL5S "	0	0	0	0	0	0	0
70	GSL6S "	0	0	0	0	0	0	0
71	GSL7S "	0	0	0	0	0	0	0
72	GSL8S "	0	0	0	0	0	0	0
73	GSL9S "	0	0	0	0	0	0	0
74	GSL10S "	0	0	0	0	0	0	0
75	GSL10D "	0	0	0	0	0	0	0
76	GSL11S "	0	0	0	0	0	0	0
77	GSL11D "	0	0	0	0	0	0	0
78	GSL12S "	0	0	0	0	0	0	0
79	GSL12D "	0	0	0	0	0	0	0
80	GSL13S "	0	0	0	0	0	0	0
81	GSL13D "	0	0	0	0	0	0	0
82	GSL14S "	0	0	0	0	0	0	0
83	GSL14D "	0	0	0	0	0	0	0
84	GSL15S "	0	0	0	0	0	0	0
85	GSL15D "	0	0	0	0	0	0	0
86	GSL16D "	0	0	0	0	0	0	0
87	GSL17D "	0	0	0	0	0	0	0
88	GSL18D "	0	0	0	0	0	0	0
89	GSL19D "	0	0	0	0	0	0	0
90	GSL20D "	0	0	0	0	0	0	0
91	GSL21D "	0	0	0	0	0	0	0
92	GSL22D "	0	0	0	0	0	0	0
93	GSL23D "	0	0	0	0	0	0	0
94	GSL24D "	0	0	0	0	0	0	0
95	GSL25D "	0	0	27	143	0	0	170
96	GSL26D "	29	229	183	4	0	0	445
97	GSH7S 1次元全無界区間積分 (7分点)	0	0	0	0	0	0	0
98	GSH8S "	0	0	0	0	0	0	0
99	GSH9S "	0	0	0	0	0	0	0
100	GSH10S "	0	0	0	0	0	0	0
101	GSH10D "	0	0	0	0	0	0	0
102	GSH11S "	0	0	0	0	0	0	0
103	GSH11D "	0	0	0	0	0	0	0
104	GSH12S "	0	0	0	0	0	0	0
105	GSH12D "	0	0	0	0	0	0	0
106	GSH13S "	0	0	0	0	0	0	0
107	GSH13D "	0	0	0	0	0	0	0
108	GSH14S "	0	0	0	0	0	0	0
109	GSH14D "	0	0	0	0	0	0	0
110	GSH15S "	0	0	0	0	0	0	0

資料

LIBRARY COUNT

OCTOBER-1986 - MARCH-1987

*** FORTRAN SSL ***

NO.	LIBRARY NAME	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL
221	HESQRD 実行列の固有値・固有ベクトル Q R法	0	0	0	137	370	25	532
222	HESQRG	0	0	0	0	0	0	0
223	HOUS2Z 実対称行列の固有値・固有ベクトル ハウスホルダー法	0	0	0	0	2	0	2
224	HOUS2D	0	12	81	33	14	50	190
225	QREGNS 実行列の固有値 Q R法	0	0	0	644	323	9	976
226	QREGND	46	68	68	216	89	26	513
227	GAVECS 実行列の固有ベクトル 逆反復法	0	0	0	61	33	9	103
228	GAVECD	0	0	0	109	39	2	150
229	MINV2S 逆行列 2 スイープアウト法	276	448	1420	2000	1591	294	6029
230	MINV2D	459	310	526	894	1051	565	3805
231	GAVE2S 実行列の左右固有ベクトル 逆反復法	0	0	0	0	0	0	0
232	GAVE2D	0	0	0	0	0	0	0
233	CHSQR8 複素実行列の固有ベクトル Q R法	0	0	0	0	21	0	21
234	CHSQRD	0	0	0	0	0	0	0
235	THJACS 複素共役行列の固有値・固有ベクトル しゃいヤコビ法	0	0	0	0	0	0	0
236	THJACD	0	0	0	0	0	0	0
237	HMTQRS 複素共役行列の固有値・固有ベクトル Q R法	0	0	0	0	0	0	0
238	HMTQRD	0	0	0	0	0	0	0
239	GEIGNS 一般固有値・固有ベクトル Q R法	0	0	0	1	0	0	1
240	GEIGND	0	0	3	0	0	0	3
241	SMINVS 正値対称行列の逆行列 スイープアウト法	0	0	0	0	0	0	0
242	SMINVD	0	0	0	0	0	0	0
243	GMINVS 一般逆行列	0	0	0	185	64	23	272
244	GMINVD	0	0	0	4	0	0	4
245	COFOD フォリス数値 c00 分解	1	1	0	0	5	7	14
246	SIFOD フォリス数値 s10 分解	1	1	0	0	0	0	2
247	COASSD フォリス数値 c00 合成	0	0	0	0	0	0	0
248	SIASSD フォリス数値 s10 合成	0	0	0	0	0	0	0
249	FFTS 複素フーリエ変換 1 (2 基底)	80	35	163	113	173	4	568
250	FFTD	0	0	0	0	0	0	0
251	FFTMXS 複素フーリエ変換 2 (複合基底)	0	0	0	0	0	0	0
252	FFTMXD	0	0	0	0	0	0	0
253	FFTRBS 複素フーリエ変換 3 (2 基底)	0	0	0	0	0	0	0
254	FFTRBD	0	0	0	0	0	0	0
255	FFTMOS 複素フーリエ変換 4 (2 基底・正順入力・逆順出力)	0	0	0	0	0	0	0
256	FFTMOD	0	0	0	0	0	0	0
257	FFTRBS 複素フーリエ変換 4 (2 基底・逆順入力・正順出力)	0	0	0	0	0	0	0
258	FFTRBD	0	0	0	0	0	0	0
259	BTRNSS ビット反転による置換	0	0	0	0	0	0	0
260	BTRNSD	0	0	0	0	0	0	0
261	RTRNSS 実フーリエ変換用補助ルーチン	0	0	0	0	0	0	0
262	RTRNSD	0	0	0	0	0	0	0
263	LSTSQD 最小二乗近似 1	176	61	60	71	41	358	767
264	BSTAPD 最小多項式近似	13	0	0	0	6	0	19
265	LAGS ラグランジュ補間	52	5	3	17	34	14	125
266	LAGD	5	1	4	0	0	0	8
267	LAGG	0	0	0	0	0	0	0
268	CHEBS チェビシェフ近似 (偶数)	0	0	0	0	0	0	0
269	CHEBD	0	0	0	0	0	0	0
270	TINTS チェビシェフ近似 (偶数)	0	0	0	0	0	0	0
271	TINTD	0	0	0	0	0	0	0
272	SPLINS スプライン補間及び求積	31	62	139	216	67	15	530
273	SPLIND	0	0	0	0	0	0	0
274	CHBAPS チェビシェフ近似による有理関数	0	0	0	0	0	0	0
275	CHBAPD	0	0	0	0	0	0	0
276	CHBCFS チェビシェフ近似による多項式	0	0	0	0	0	0	0
277	CHBCFD	0	0	0	0	0	0	0
278	COMFRS 連分数による有理関数近似	0	0	0	0	0	0	0
279	COMFRD	0	0	0	0	0	0	0
280	LSMTRD 最小二乗近似 2	0	0	5	0	0	0	5
281	ELPDES 微分方程式の差分式	0	0	0	0	0	0	0
282	PAPDES 微分方程式の差分式	0	0	0	0	0	0	0
283	PAPDED	0	0	0	0	0	0	0
284	HYPDES 双曲線微分方程式	0	0	0	0	0	0	0
285	HYPDED	0	0	0	0	0	0	0
286	INEV2S 積分方程式 第2種ボルテラ型	0	0	0	0	0	0	0
287	INEV2D	0	0	0	0	0	0	0
288	POADDS 多項式の置換 加算	0	0	0	0	0	0	0
289	POADD	2	0	0	0	0	0	2
290	POSUBS 多項式の置換 減算	0	0	0	0	0	0	0
291	POSUBD	0	0	0	0	0	0	0
292	POMULS 多項式の置換 乗算	0	0	0	0	0	0	0
293	POMULD	2	0	0	0	0	0	2
294	PODIVS 多項式の置換 除算	0	0	0	0	0	0	0
295	PODIVD	0	0	0	0	0	0	0
296	NORRNS 正規直交	536	387	582	432	466	259	2662
297	POISIS ポアソン関数	0	0	0	17	11	0	28
298	COMBS 二項係数	0	0	0	0	0	0	0
299	COMBD	2	0	0	0	0	0	2
300	DAVIDS 多変数関数の最小化	0	0	0	0	0	0	0
301	DAVIDD	0	0	0	0	0	0	0
302	AMACH スレープサブマシン	5764	6202	8853	8508	10708	4006	44041
303	BERRY	0	0	0	0	0	0	0
304	CHEBY	0	8	28	118	225	24	403
305	CHECK1	0	0	5	0	0	0	5
306	COLICD	0	0	0	4	0	0	4
307	COLICS	0	0	0	185	64	23	272
308	DELD	0	0	0	0	0	0	0
309	DELS	0	0	0	0	0	0	0
310	DMACH	6357	8092	11426	13865	16542	4252	60534
311	DOTD	0	0	0	4	0	0	4
312	DOTS	0	0	0	185	64	23	272
313	EXPAND	0	0	0	44	5	10	59
314	FIRSTD	0	0	0	0	0	0	0
315	FIRSTS	0	0	0	0	0	0	0
316	LMIND	0	0	0	0	0	0	0
317	LMINS	0	0	0	0	0	0	0
318	QUADD	0	0	0	0	0	0	0
319	QUADS	0	0	0	0	0	0	0
320	QMACH	0	0	0	0	0	0	0
321	RENUMB	0	0	0	0	0	0	0
322	RKGDND	0	0	0	0	0	0	0
323	RKGDNS	297	5	0	128	105	0	535
324	SPARSS	0	0	0	0	0	0	0
325	STRANS	7	17	14	3	4	0	45
326	TRANS	0	0	0	0	0	0	0
327	TRAN2S	0	0	0	0	0	0	0
328	UNIRN	536	399	663	465	568	309	2940
TOTAL		21151	26552	36396	42748	46914	15524	189285

*** FORTRAN SSL2 ***

NO.	LIBRARY NAME	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL
1	CGSM	48	58	18	12	6	11	153
2	DGSM	67	45	65	424	301	58	960
3	CSGM	0	0	0	0	0	0	0
4	DGSGM	0	90	98	75	424	369	1098
5	AGGM	195	424	153	466	416	5	1659
6	DAGGM	42	252	185	321	258	12	1070
7	SGGM	184	423	153	462	416	5	1643
8	DSGGM	6	163	570	400	548	60	1747
9	MGGM	208	443	193	437	669	38	1968
10	DMGGM	244	506	765	646	1045	229	3655
11	HGSM	0	0	0	0	0	0	0
12	DHGSM	0	0	0	0	0	0	0
13	ASSM	0	0	0	0	0	0	0
14	DASSM	0	0	92	54	63	0	209
15	SSSM	0	0	0	0	0	0	0
16	DSSSM	0	0	0	0	0	0	0
17	HSSSM	0	0	0	0	0	0	0
18	DSSSM	0	0	0	0	0	0	0
19	HSSGM	0	0	0	0	0	0	0
20	DSSGM	36	64	26	4	82	0	212
21	NAV	89	25	186	45	242	133	720
22	DNAV	568	1212	1625	1025	1328	370	5026
23	NSV	0	0	165	0	0	0	165
24	DNSV	49	170	26	4	84	6	339
25	PCV	69	0	119	6	2	0	196
26	DPCV	77	180	23	35	491	180	1188
27	LAX	1771	1664	3638	2624	3209	680	13586
28	DLAX	1597	1962	4031	4027	5388	1294	18299
29	ALU	2348	2308	4435	3404	3698	846	17109
30	DALU	2073	3068	4870	5480	6900	1585	23976
31	LUX	2084	2224	3695	2650	3253	680	14586
32	DLUX	1621	2431	4060	4025	5389	1295	18841
33	LAXR	30	0	3	0	9	57	99
34	DLAXR	276	130	400	199	524	75	1604
35	LUIV	242	676	1130	1279	680	335	4342
36	DLUIV	682	997	1397	1858	2232	459	7625
37	LCX	177	552	1039	744	1733	1061	5306
38	DLCX	523	763	943	788	2143	933	6513
39	CLU	177	559	1201	835	1740	1089	5601
40	DCLU	567	815	1175	1078	3230	1011	7874
41	CLUX	539	599	1048	828	1740	1089	3641
42	DCLUX	521	757	939	788	2131	953	6099
43	LCXR	0	0	0	0	0	0	0
44	DLCXR	74	185	9	16	492	180	1154
45	CLUIV	0	16	238	54	51	1	360
46	DCLUIV	0	1	137	47	53	43	281
47	LSIX	7	0	32	0	111	10	160
48	DLSIX	0	0	0	0	0	0	0
49	SDMX	7	0	32	0	110	10	159
50	DSDMX	0	0	0	0	0	0	0
51	KDMX	7	0	32	0	110	10	159
52	DDMX	0	0	0	0	0	0	0
53	LSIXR	0	0	0	0	0	0	0
54	DLSIXR	0	0	0	0	0	0	0
55	LSY	0	0	0	0	0	0	0
56	DLSY	13	11	1	4	14	0	43
57	SLDL	0	0	0	0	0	0	0
58	DSLDL	80	63	146	453	347	42	1331
59	LDLL	0	0	13	0	25	11	49
60	DLDL	148	39	270	315	818	274	1866
61	LSXR	0	0	0	0	0	0	0
62	DLSXR	0	0	0	0	0	0	0
63	LDIV	0	0	0	0	0	0	0
64	DLDIV	67	52	145	449	333	42	1088
65	LAXL	78	39	0	0	3	104	226
66	DLAXL	0	0	0	0	0	0	0
67	LAXLR	0	0	0	0	0	0	0
68	DLAXLR	0	1	0	0	0	0	1
69	LALML	0	35	2	0	0	0	37
70	DALML	0	0	0	0	0	0	0
71	GINV	0	0	0	0	0	0	0
72	DGINV	0	0	0	0	0	0	0
73	ASVD1	313	35	139	339	299	8	1333
74	DASVD1	0	35	0	0	136	23	194
75	NSV	0	0	0	0	0	0	0
76	DNSV	0	56	10	25	0	0	91
77	HNSV	0	0	0	0	0	0	0
78	DNSV	0	0	0	2	9	0	11
79	LBX1	166	278	358	430	316	123	1492
80	DLBX1	86	263	105	11	164	8	917
81	RLU1	87	178	358	430	316	124	1493
82	DBLU1	166	263	11	301	164	8	913
83	BLUX1	167	178	358	430	316	124	1493
84	DBLUX1	166	263	11	301	164	8	913
85	LBXR	0	0	0	0	0	0	0
86	DLBXR	0	0	0	0	0	0	0
87	LTX	192	215	0	0	0	0	407
88	DLTX	11	18	173	631	331	32	1196
89	LSBX	79	0	19	0	0	0	98
90	DLSBX	0	0	2	9	0	0	11
91	SDBL	79	0	19	0	0	0	98
92	DSDBL	0	0	2	9	0	0	11
93	BDLX	79	0	19	0	0	0	98
94	DBDLX	0	0	2	9	0	0	11
95	LSBR	0	0	0	0	0	0	0
96	DLSBR	0	0	0	0	0	0	0
97	LSTX	0	0	0	0	0	0	0
98	DLSTX	0	0	0	0	0	0	0
99	EG1	86	283	419	361	561	325	2035
100	DEIG1	117	450	722	916	730	132	3067
101	BLNC	198	295	498	429	634	325	2379
102	DBLNC	203	677	851	1424	1319	187	4361
103	HES1	198	295	510	429	634	325	2391
104	DHES1	296	908	973	2098	1593	187	6051
105	HNSR	112	91	68	91	68	73	356
106	DHNSR	179	458	251	1182	863	53	2990
107	HVEC	0	0	0	0	0	0	0
108	DHVEC	0	0	0	0	0	0	0
109	HMK1	0	0	0	0	0	0	0
110	DMK1	0	0	0	0	0	0	0
111	HML	47	21	91	19	104	0	242
112	DMML	0	0	0	0	0	0	0
113	CEIG2	180	0	0	0	0	0	180
114	DCEIG2	0	0	11	0	0	0	11
115	CLNC	180	0	0	0	0	0	180
116	DBCLNC	0	0	96	0	0	0	96
117	CHES2	180	0	0	0	0	0	180
118	DCHES2	0	0	96	0	0	0	96
119	CHSR	0	0	0	0	4	0	4
120	DCHSR	0	0	0	0	85	0	85
121	CHVEC	0	0	0	0	0	0	0
122	DCHVEC	0	0	0	0	0	0	0
123	CHBK2	0	0	0	0	0	0	0
124	DCHBK2	0	0	0	0	0	0	0
125	CHML	180	0	0	0	0	0	180
126	DCHML	0	0	11	0	0	0	11
127	SEIG1	38	0	0	1	0	0	39
128	DSEIG1	49	105	331	248	186	6	925
129	SEIG2	82	145	75	153	739	149	1341
130	DSEIG2	66	114	131	158	269	183	921
131	TRID1	427	229	345	210	739	151	2101
132	DTRID1	317	819	1670	1413	1302	334	6134
133	TRL	0	0	0	0	0	0	0

*** FORTRAN SSL2 ***								
NO.	LIBRARY NAME	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL
134	DTRQL	61	99	0	42	132	38	372
135	BSC11	0	0	0	0	0	0	0
136	DBSC11	78	99	9	42	132	46	406
137	TEIG1	38	0	0	1	0	0	39
138	DTEIG1	49	105	351	248	193	6	979
139	TEIG2	89	81	148	153	755	153	1379
140	DTEIG2	66	138	175	259	351	189	1178
141	TRBK	427	229	345	210	739	151	2101
142	DTRBK	397	817	1661	1413	1302	533	4123
143	HEIG2	7	8	3	0	16	4	38
144	DHEIG2	0	25	44	101	85	6	261
145	TRIDH	7	8	3	0	16	4	38
146	DTRIDH	29	25	44	101	85	14	298
147	TRBKH	7	8	3	0	16	4	38
148	DTRBKH	0	25	44	101	85	6	261
149	SSEG2	307	156	200	56	0	2	721
150	DSSEG2	282	599	1199	1007	843	344	4274
151	GSCHL	307	156	200	56	0	2	721
152	DSGCHL	282	599	1199	1007	843	344	4274
153	GSBK	307	156	200	56	0	2	721
154	DSGBK	282	599	1199	1007	843	344	4274
155	BSEG	0	0	0	0	0	0	0
156	DBSEG	0	0	0	0	0	0	0
157	BTRID	0	0	0	0	0	0	0
158	DBTRID	0	0	0	0	0	0	0
159	BSVEC	0	0	0	0	0	0	0
160	DBSVEC	0	0	0	0	0	0	0
161	BSEGJ	0	0	0	0	0	0	0
162	DBSEGJ	0	0	0	0	0	0	0
163	GBSEG	0	0	0	0	0	7	7
164	DGBSEG	0	0	0	0	0	0	0
165	RDR	180	153	252	601	876	20	2082
166	DRDR	232	73	43	60	329	25	762
167	RDR	0	0	0	0	0	9	9
168	DRDR	46	242	143	113	698	208	1470
169	LDR	84	145	119	123	97	13	581
170	DRDR	11	94	1	8	4	0	175
171	RJSTR	96	8	133	478	779	7	1501
172	DRJSTR	158	62	42	53	265	25	365
173	CJART	0	19	8	0	0	0	29
174	DCJART	66	242	143	113	698	153	1415
175	TSD1	120	57	79	0	72	13	321
176	DTSD1	470	1066	510	708	1748	363	3757
177	TSDM	70	309	103	145	15	49	710
178	DTSDM	191	144	320	705	460	13	1831
179	CTSDM	329	237	2	40	0	0	608
180	DTSDM	1175	732	1248	1184	2299	145	6783
181	MOLBR	169	180	141	108	6	859	1772
182	DMOLBR	257	383	363	450	599	19	1772
183	MINF1	0	0	0	13	25	11	49
184	DMINF1	135	30	269	302	804	257	1797
185	MING1	0	0	0	0	0	0	0
186	DMING1	8	0	0	0	0	6	14
187	MOLF1	0	0	2	0	0	0	2
188	DMOLF1	0	140	0	0	0	0	140
189	LPRS1	0	0	0	0	0	0	0
190	DLPRS1	0	0	0	0	0	0	0
191	AKLAG	18	18	383	703	410	578	2310
192	DAKLAG	0	0	0	72	308	2	382
193	AKHER	0	0	0	0	0	0	0
194	DAKHER	0	0	0	0	0	0	0
195	SPLV	2	0	165	0	112	83	362
196	DSPLV	41	38	28	5	53	0	165
197	BIF1	0	0	0	0	0	0	0
198	DBIF1	0	0	0	0	6	0	6
199	BIF2	0	0	0	0	0	0	0
200	DBIF2	0	0	0	0	0	0	0
201	BIF3	261	119	192	191	247	67	1077
202	DBIF3	7	0	23	112	64	20	226
203	BIF4	0	0	0	0	0	0	0
204	DBIF4	0	0	0	0	18	0	18
205	BIFD1	0	0	0	0	0	0	0
206	DBIFD1	0	0	0	0	0	0	0
207	BIFD3	0	0	0	0	0	7	7
208	DBIFD3	0	0	0	61	24	0	85
209	AKRID	2	0	0	0	0	0	2
210	DAKRID	120	32	0	12	52	6	222
211	INSPL	0	0	0	0	9	0	9
212	DINSPL	0	0	0	0	0	0	0
213	AKMIN	70	0	61	110	100	8	349
214	DAKMIN	186	61	292	171	558	269	1537
215	BIC1	0	0	0	0	0	0	0
216	DBIC1	0	0	0	0	0	0	0
217	BIC2	0	0	0	0	0	0	0
218	DBIC2	0	0	0	0	0	0	0
219	BIC3	267	119	192	191	247	67	1083
220	DBIC3	7	0	23	112	64	20	226
221	BIC4	0	0	0	0	0	0	0
222	DBIC4	0	0	0	0	0	0	0
223	BICD1	0	0	0	0	0	0	0
224	DBICD1	0	0	0	0	0	0	0
225	BICD3	0	0	0	0	0	7	7
226	DBICD3	0	0	0	61	24	0	85
227	LES01	455	250	320	206	277	40	1548
228	LES01	0	10	31	103	0	0	144
229	SMLE1	7	6	18	36	20	24	174
230	DSMLE1	0	0	0	0	0	0	0
231	SMLE2	5	56	290	174	141	11	677
232	DSMLE2	0	0	0	17	55	11	83
233	BSF1	1	0	0	18	0	0	19
234	DBSF1	0	0	0	98	214	65	378
235	BSFD1	0	0	0	0	0	0	0
236	DBSFD1	0	0	0	17	0	0	17
237	BSC1	0	0	0	0	0	0	0
238	DBSC1	0	0	0	9	0	0	9
239	BSC2	1	0	0	18	0	0	19
240	DBSC2	0	0	0	98	214	65	378
241	BSCD2	0	0	0	0	0	0	0
242	DBSCD2	0	0	0	17	0	0	17
243	FCOSF	0	0	0	0	0	0	0
244	DFCOSF	0	0	0	0	0	0	0
245	ECOSP	0	0	0	0	0	0	0
246	DECOSP	0	0	0	0	0	0	0
247	FSINF	0	3	63	9	1	0	74
248	DFSINF	0	0	0	0	0	0	0
249	ESIMP	0	3	69	14	16	0	102
250	DESIMP	0	0	0	0	0	0	0
251	FCHEB	0	0	0	0	0	0	0
252	DFCHEB	0	0	0	0	0	0	0
253	ECHEB	0	0	0	0	0	0	0
254	DECHEB	0	0	0	0	0	0	0
255	GCHEB	0	0	0	0	0	0	0
256	DGCHEB	0	0	0	0	0	0	0
257	ICHEB	0	0	0	0	0	0	0
258	DICHEB	0	0	0	0	0	0	0
259	FCOSM	0	0	0	0	0	0	0
260	DFCOSM	0	0	0	0	0	0	0
261	FCOSF	0	0	0	0	0	0	0
262	DFCOSM	0	0	0	0	0	0	0
263	FSINT	0	0	0	0	0	0	0
264	DFSINT	0	0	0	0	0	0	0
265	FSINM	0	0	0	0	0	0	0
266	DFSINM	0	0	0	0	0	0	0

LIBRARY COUNT

OCTOBER, 1986 - MARCH, 1987

*** FORTRAN SSL2 ***

NO.	LIBRARY NAME	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL
267	RFT	172	611	192	1011	1347	481	3814
268	DRFT	95	250	131	594	427	108	1605
269	CFPM	13	115	286	149	164	14	741
270	DCFTM	0	0	0	0	0	0	0
271	CFT	33	5	46	54	3	0	141
272	DCFT	1	0	14	0	25	0	40
273	CFTR	365	756	384	1219	1377	420	4721
274	DCFTM	355	641	396	1455	1272	129	4268
275	CFTR	0	0	0	0	0	0	0
276	DCFTR	0	0	33	371	48	10	462
277	PNR	365	756	384	1219	1377	620	4721
278	DPNR	357	657	363	1085	1224	119	3805
279	SIMP1	420	525	624	1250	1273	121	4213
280	DSIMP1	1	210	171	224	742	179	1527
281	TRAP	114	38	343	371	187	93	1166
282	DTRAP	7	152	203	366	824	239	1781
283	SIMP2	595	626	694	868	885	554	4222
284	DSIMP2	61	111	45	69	119	18	423
285	AGN9	20	16	7	65	29	445	582
286	DAQN9	202	199	111	662	140	118	1432
287	AOCB	37	78	18	32	110	311	606
288	DAOCB	194	249	400	526	331	148	1848
289	AQE	0	0	0	0	0	15	24
290	DAQE	49	72	64	386	98	53	722
291	AOEN	64	316	125	35	19	10	569
292	DAOEN	88	230	100	212	103	49	819
293	AQEI	0	0	0	0	0	0	0
294	DAQEI	0	0	0	0	0	0	0
295	AOENCB	84	78	84	12	22	0	264
296	DAQENCB	97	38	27	109	79	65	415
297	AQHE	0	0	0	32	28	2	68
298	DAQHE	0	0	0	0	0	1	1
299	RGK	217	293	560	2049	1176	83	4378
300	DRKG	1198	852	1423	1167	1542	853	7015
301	HAMNG	0	0	0	0	0	0	0
302	DHAMNG	0	80	13	0	0	0	93
303	ORR1	139	582	291	56	2	0	1070
304	DDRR1	4	549	847	704	836	174	3118
305	ODAM	4	0	29	19	2	62	116
306	DODAM	35	0	26	43	165	80	349
307	CELL1	2	0	0	0	0	0	2
308	DCELL1	12	1	10	4	0	1	24
309	CELL2	0	2	0	0	0	0	2
310	DCELL2	1	12	1	2	0	0	14
311	EXPI	138	24	168	440	336	45	1171
312	DEXPI	0	19	0	0	0	0	19
313	SWI	0	0	0	0	0	0	0
314	DSINI	0	0	0	0	0	0	0
315	COI	0	0	0	0	0	0	0
316	DCOI	0	0	0	0	0	0	0
317	SFRI	0	0	0	162	179	0	341
318	DSFRI	0	0	43	0	0	1	44
319	CFRI	0	0	0	162	179	0	341
320	DCFRI	0	0	43	0	0	1	44
321	IGAN1	0	0	0	0	5	54	59
322	DIGAN1	0	19	0	0	0	0	19
323	IGAN2	5	8	131	357	181	11	693
324	DIGAN2	0	19	0	0	0	0	19
325	IERF	81	0	0	0	0	0	81
326	DIERF	0	0	0	0	0	0	0
327	IERFC	81	0	0	0	0	0	81
328	DIERFC	0	0	0	0	0	0	0
329	BJO	227	344	604	373	1001	609	3158
330	DBJO	782	606	351	1119	1471	307	4636
331	BJ1	226	271	512	237	823	454	2723
332	DBJ1	782	608	368	1081	1473	339	4671
333	BYO	168	249	512	229	407	107	1692
334	DBYO	720	567	104	1135	761	166	3533
335	BY1	168	249	512	229	407	107	1692
336	DBY1	720	567	216	1154	761	167	3585
337	BIO	2	0	0	0	0	0	2
338	DBIO	343	430	72	150	827	77	1899
339	B11	2	0	0	0	3	0	5
340	DB11	341	422	521	309	1047	77	2717
341	B10	0	0	71	95	68	85	327
342	DB10	261	400	528	312	693	3	1977
343	BK1	0	55	106	374	200	104	899
344	DBK1	259	521	521	309	493	3	1977
345	BJN	5	86	330	105	503	511	1540
346	DBJN	777	606	294	637	1422	218	3954
347	BJM	0	81	91	94	106	97	389
348	DBYM	725	570	120	710	717	77	2919
349	BJM	0	0	0	0	0	0	0
350	DBJM	343	424	65	150	830	77	1891
351	BKN	0	0	0	0	0	0	0
352	DBKN	263	394	45	150	276	3	1151
353	CBJM	5	112	23	22	59	202	423
354	DCBJM	243	0	0	285	35	241	824
355	CBKN	5	112	23	22	59	202	423
356	DCBKN	243	0	0	285	25	261	812
357	CBJN	9	110	23	29	68	202	441
358	DCBJN	481	135	188	706	1484	342	3336
359	CBYM	5	110	23	22	59	202	421
360	DCBYM	244	0	0	274	19	242	799
361	BJR	0	0	40	0	0	0	40
362	DBJR	3	0	0	1	121	148	46
363	BIR	0	0	0	0	0	0	0
364	DBIR	0	0	0	0	0	0	0
365	BKR	0	0	0	0	0	0	0
366	DBKR	0	0	0	0	0	0	0
367	CBJR	0	0	0	0	0	0	0
368	DCBJR	131	239	30	179	52	11	642
369	HDF	0	0	12	5	3	0	20
370	DNDF	0	0	0	0	0	0	0
371	NDFC	0	0	0	0	0	0	0
372	DNDFC	0	0	0	0	0	0	0
373	INDF	81	0	0	0	0	0	81
374	DINDF	0	0	0	0	0	0	0
375	INDFC	0	0	0	0	0	0	0
376	DINDFC	0	0	0	0	0	0	0
377	RANU2	938	0	1917	1958	3002	1618	10971
378	RANU3	0	0	0	0	0	0	0
379	RAN2	688	826	689	1171	1469	665	5508
380	RAN22	0	0	0	0	10	0	13
381	RAN22	0	0	35	0	0	0	35
382	RAN22	0	0	0	0	1	98	41
383	RATF1	0	0	0	0	0	0	0
384	RATF1	0	0	0	0	0	0	0
385	MGSSL	15034	18297	25568	28936	35081	11224	134140
386	MGSET	0	0	0	0	0	0	0
387	ASUM	0	0	0	0	0	0	0
388	DSUM	0	0	0	0	0	0	0
389	BSUM	0	0	0	0	0	0	0
390	DSUM	0	0	0	0	0	0	0
391	CSUM	356	555	1198	835	1735	1089	5768
392	DCSUM	356	808	1157	1076	3219	1010	7826
393	IRAD1	1040	1614	2383	2897	544	0	9292
394	AFMAX	559	871	429	749	841	68	3517
395	DFMAX	1548	1171	1784	2013	2707	266	9489
396	AFMIN	49	556	249	714	837	82	2933
397	DFMIN	1502	964	1641	2326	2848	285	9566
TOTAL		67649	81534	113871	130858	172166	51631	620709

LIBRARY COUN T

OCTOBER,1986 - MARCH,1987

*** PROGRAM LIBRARY COLLECTED BY COMPUTER CENTER , KYUSHU UNIV. ***

NO.	LIBRARY NAME	ENTRY NAME	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL
1	C2 SANJI	SANJI	0	0	0	0	0	0	0
2	C2 YONJIS	YONJIS	0	0	0	0	0	0	0
3	C2 YONJID	YONJID	0	0	0	0	0	0	0
4	C2 GRAEFS	GRAEFS	0	0	0	0	0	0	0
5	C2 GRAEFD	GRAEFD	0	0	0	0	0	0	0
6	C2 ALGEP	ALGEP	0	0	0	0	0	0	0
7	C3 CNDS	CNDS	0	0	0	0	0	0	0
8	C3 RCNDS	RCNDS	0	0	0	0	0	0	0
9	C3 PRESNL	PRESNL	0	0	0	0	0	0	0
10	C3 GAMMAD	GAMMAD	0	0	0	0	0	0	0
11	C3 DRPGMA	DRPGMA	0	0	0	0	0	0	0
12	C3 BETA	BETA	0	0	0	0	0	0	0
13	C3 FBET	FBET	0	0	0	0	0	0	0
14	C7 POWELL	POWELL	6	0	12	12	11	0	41
15	C7 POWELD	POWELD	0	0	0	0	0	0	0
16	D1 ROMBGS	ROMBGS	0	0	0	0	0	0	0
17	D1 ROMBGD	ROMBGD	0	0	0	0	0	0	0
18	D1 ROMBER	ROMBER	0	0	0	0	0	0	0
19	D1 CGJR	CGJR	0	0	0	0	0	0	0
20	D1 CGLQ	CGLQ	0	0	0	0	0	0	0
21	D1 DBLEXP	FIAB	4	0	0	3	0	0	7
22	D1 DBLEXP	FIAB	0	0	0	0	0	0	0
23	D1 DBLEXP	DEFINT	0	0	0	0	0	0	0
24	D2 TRAMS	TRAMS	0	0	0	0	0	0	0
25	D4 DIFFIS	DIFFIS	0	0	0	0	0	0	0
26	D4 DIFFID	DIFFID	0	0	0	0	0	0	0
27	D6 FFTCS	FFTCS	0	0	0	0	0	0	0
28	D6 FFTRS	FFTRS	21	0	0	18	74	56	338
29	F2 HER4	HER4	0	0	0	0	0	0	0
30	F2 HHQS	HHQS	0	0	0	0	0	0	0
31	F2 HHQD	HHQD	0	0	0	0	0	0	0
32	F2 HHQDS	HHQDS	0	0	0	0	0	0	0
33	F2 HHQOD	HHQOD	0	0	0	0	0	0	0
34	F2 SBTRS	SBTRS	0	0	0	0	0	0	0
35	F2 SBTRD	SBTRD	0	0	0	0	0	0	0
36	F2 SHQS	SHQS	0	4	0	11	4	0	19
37	F2 SHQD	SHQD	0	0	0	0	8	0	8
38	F2 SBVCS	SBVCS	0	0	0	0	0	0	0
39	F2 SBVCD	SBVCD	0	0	0	0	0	0	0
40	F2 TDBLS	TDBLS	0	0	0	0	0	0	0
41	F2 TDBLD	TDBLD	0	0	0	0	0	0	0
42	F2 TDBUS	TDBUS	0	0	0	0	0	0	0
43	F2 TDBUD	TDBUD	0	0	0	0	0	0	0
44	F2 TDQRS	TDQRS	0	0	0	0	0	0	0
45	F2 TDQRD	TDQRD	0	0	0	0	0	0	0
46	F2 SBRDS	SBRDS	0	0	0	0	0	0	0
47	F2 SBRDD	SBRDD	0	0	0	0	0	0	0
48	F4 GSRENS	GSRENS	0	0	0	0	0	0	0
49	F4 GSREND	GSREND	0	0	0	0	0	0	0
50	F4 LUDECS	LUDECS	0	0	0	0	0	0	0
51	F4 LUDECS	LUSLVS	0	0	0	0	0	0	0
52	F4 LUDECS	LULMPS	0	0	0	0	0	0	0
53	F4 LUDECD	LUDECD	0	0	0	0	0	0	0
54	G5 KUNIRM	KUNIRM	0	0	11	0	0	0	11
55	G5 RUTEST	RUTEST	0	0	0	0	0	0	0
56	G5 RTEST	RTEST	0	0	0	0	0	0	0
57	G5 RTEST2	RTEST2	0	0	0	0	0	0	0
58	G5 RWTEST	RWTEST	0	0	0	0	0	0	0
59	G5 RUM2	RUM2	0	34	0	0	15	0	49
60	G5 RUD2	RUD2	0	0	0	0	0	0	0
61	G5 RNO2	RNO2	0	0	0	0	0	0	0
62	G5 RCHAOS	RCHAOS	0	0	0	0	0	0	0
63	G9 JAPANB	JAPANB	0	0	0	0	0	0	0
64	G9 WORLD1	WORLD1	0	0	0	0	0	0	0
65	H1 MINMAX	MINMAX	869	1577	1635	2115	3317	1004	10517
66	I5 PTR	TOPSET	50	63	69	35	84	82	383
67	I5 PTR	PTREAD	50	63	69	35	84	82	383
68	I5 PTR	PTRCHR	0	0	0	0	0	26	26
69	I5 PTR	CHANGE	1	2	0	0	0	3	6
70	JO MPTS	MPTS	0	0	0	0	0	0	0
71	JO MPTS	MPTS	0	0	0	0	0	0	0
72	JO GRAPH	GRAPH	17	3	12	4	7	7	50
73	JO QDLIST	QDLIST	0	0	0	0	0	0	0
74	JO QDLIST	QLIST	0	0	0	0	0	0	0
75	JO LETTER	LETTER	0	0	0	0	0	0	0
76	JO QNUMB	QNUMB	0	0	0	0	0	0	0
77	J6 RNDMNS	RNDMNS	90	58	194	24	181	1	1295
78	K2 NBITOP	NBITOP	0	0	0	0	0	0	0
79	K2 NBITOP	BITOP	0	0	0	0	0	0	0
80	K2 BSHIFP	BSHIFP	0	0	0	0	0	0	0
81	M2 HENKAN	NCODE	0	0	0	0	0	0	0
82	M2 HENKAN	NCODE	50	63	69	35	57	56	330
83	M2 HENKAN	CDHNKN	0	0	0	0	27	0	27
84	M2 TRV	TRV	97	40	53	144	166	24	526
85	Y3 DB01	CLEB	0	0	0	0	0	4	4
86	Y3 DB02	RAC7	0	0	0	0	0	0	0
87	Y3 DB03	UP4	0	0	0	0	0	0	0
88	Y3 CAD1	HUNTER	0	0	0	0	0	0	0
89	Y3 CAD1	FUNDR	0	0	0	0	8	0	8
90	Y3 CAD1	PRINT	43	7	5	0	0	12	67
91	Y3 CAD1	SPILL	0	0	0	0	0	0	0
92	Y3 DA02	BEG	0	0	0	0	0	0	0
93	Y3 DB05	TNSJJ	0	0	0	0	0	0	0
94	Y3 DB05	TNSLS	0	0	0	0	0	0	0
95	Y3 DB05	PHNTEL	0	0	0	0	0	0	0
96	Y3 SHL1	RNLALL	0	0	0	0	0	0	0
97	Y3 SHL2	V	34	0	8	2	48	2	94
98	Y3 SHL3	STNE	0	0	0	0	0	0	0
99	Y3 SHL4	GTYPE	0	0	0	0	11	0	11
100	Y3 SHL5	FTYPE	0	0	0	0	11	0	11
101	V4 CCLID	PRELID	0	0	0	0	0	0	0
102	V4 MVINS	MVINS	0	0	0	0	0	0	0
103	V4 MVIMS	MVIMI	0	0	0	0	0	0	0
104	V4 MVIMS	MVIN	0	4	0	11	4	0	19
105	V4 MVBX	MVBX	0	0	0	0	0	0	0
106	V4 MVBX	STRET	0	0	0	0	0	0	0
107	V4 MVBX	BEND	0	4	0	11	4	0	19
108	V4 MVBX	TORSN	0	0	0	0	0	0	0
109	V4 MVBX	PLANE	0	0	0	0	0	0	0
110	V4 MVSYM	MVSYM	0	4	0	11	4	0	19
111	V4 MVRD	MVRD	0	0	0	0	0	0	0
112	V4 MVABF	MVABF	0	0	0	11	4	0	19
113	V4 MVABF	MVAGF	0	0	0	0	0	0	0
114	V4 MVFRS	MVFRS	0	0	0	0	0	0	0
115	V4 MVFRS	MVFRJ	0	0	0	0	0	0	0
116	V4 MVFRS	MVFRD	0	0	0	0	0	0	0
117	V4 MVOUT	MVOUT	0	0	0	0	0	0	0
118	V4 MVOUTP	MVOUTP	0	0	0	0	0	0	0
119	V4 MVABF	MVABF	0	0	0	0	0	0	0
120	V4 MVABF	MVABFD	0	0	0	0	0	0	0
121	V4 HVAX	HVXCX	0	0	0	0	0	0	0
122	V4 HVAX	HVXCX	0	0	0	0	0	0	0
123	V4 HVAX	HVXCX	0	0	0	0	0	0	0
124	V4 HVAX	HVXTR	0	0	0	0	0	0	0
125	V4 HVAX	HVSTR	0	0	0	0	0	0	0
TOTAL			1332	2453	2139	2875	4129	1333	14261