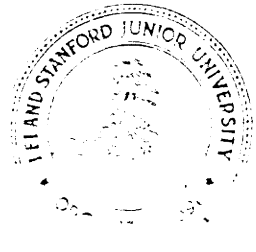
BIBLIOGRAPHY OF COMPUTER SCIENCE DEPARTMENT TECHNICAL REPORTS

edited by

P. E. Jacobs

November, 1975
STAN-CS-75-532

COMPUTER SCIENCE DEPARTMENT
School of Humanities and Sciences
STANFORD UNIVERSITY



BIBLIOGRAPHY OF COMPUTER SCIENCE REPORTS

Abstract:

This report lists, in chronological order, all reports from the Stanford Computer Science series (STAN-CS-xx-xxx), Artificial Intelligence Memos (AIM), Digital Systems Laboratory Technical reports (TR) and Technical Notes (TN), plus Stanford Linear Accelerator Center publications (SLACP) and reports (SLACR).

Also, for the first time, we have provided an author index for these reports (at the end of the report listings). The bibliography issued in October of 1973 is hereby brought up to date.

Each report is identified by title, author's name, National Technical Information Service (NTIS) retrieval number*, date, number of pages and the computer science areas treated. Subsequent journal publication (when known) is also indicated.

* If this number is not given it means that the report is not available from NTIS.

IMPORTANT NOTE

BECAUSE OUR REPORTS ARE PRINTED ACCORDING TO A PRE-DETERMINED NUMBER OF REQUESTS, MOST OF THESE REPORTS ARE NOW OUT OF STOCK AND CANNOT BE OBTAINED BY WRITING TO STANFORD. THOSE REPORTS WHICH SHOW A CLEARINGHOUSE STOCK NUMBER MAY BE OBTAINED BY WRITING TO THE NATIONAL TECHNICAL INFORMATION SERVICE, U.S DEPARTMENT OF COMMERCE, SPRINGFIELD, VIRGINIA 22151, U.S.A.

THESES LISTED IN THIS BIBLIOGRAPHY ARE AVAILABLE FROM UNIVERSITY MICROFILMS, 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106, U. S.A.

THIS IS &K509.BIBLIOGRAPHY ON SYS13. LAST UPDATED 12-11-75. EXPLANATION OF C.S. AREA SYMBOLS IS AS FOLLOWS:
A (ANALYSIS OF ALGORITHMS), C (COMPUTER CONTROL OF EXTERNAL DEVICES), D (DIGITAL COMPUTER SYSTEMS),
E (EDUCATION), G (GENERAL), H (HEALTH AND MEDICINE), I (ARTIFICIAL INTELLIGENCE), K (COMBINATORIAL MATHEMATICS)
L (COMPUTATIONAL LINGUISTICS), M (MATHEMATICAL THEORY OF COMPUTATION), N (NUMERICAL ANALYSIS), O (OPERATIONS RESEARCH),
P (PROGRAMMING SYSTEMS AND LANGUAGES).

REPORT NO.	CLEARINGHOUSE STOCK NO.	TITLE	AUTHOR	DATE	PAGES	C.S. AREA(S)	PUBLISHED VERSION	REVIEW
CS 1	AD462108	PRIMAL PARTITION PROGRAMMING FOR BLOCK DIAGONAL MATRICES	J.B. ROSEN	8 NOV 63	23	N	NUMER. MATH 6(1964),250-260	MR 29, 5643; CR 6, 8349
CS 2	AD427753	THE SOLUTION OF LARGE SYSTEMS OF ALGEBRAIC EQUATIONS	J.M.PAVKOVICH	6 DEC 63	46	N		
CS 3	AD430445	THE THEOREMS IN A PAPER BY V.K. SAULEV "ON AN ESTIMATE OF THE ERROR IN OBTAINING CHARACTERISTIC FUNCTIONS BY THE METHOD OF FINITE DIFFERENCES"	TRANSLATED BY G.E.FORSYTHE	20 JAN 64	6	N		
CS 4	AD434898	NUMERICAL SOLUTION OF BOUNDARY VALUE PROBLEMS BY THE METHOD OF INTEGRAL OPERATORS	STEFAN BERGMAN J.G.HERRIOT	28 FEB 64	24	N	NUMER. MATH 7 (1965), 42-65	MR 31, 891 CR 6, 8620
CS 5	N-6519765	EXISTENCE AND UNIQUENESS OF EQUILIBRIUM POINTS FOR CONCAVE N-PERSON GAMES	J.B.ROSEN	31 MAR 64	28	N	ECONMETRICA 33 (1965), PP.520-534	
CS 6	AD600164	A FAST DIRECT SOLUTION OF POISSON'S EQUATION USING FOURIER ANALYSIS	R.W.HOCKNEY	14 APR 64	28	N	J.ACM 12,1 JAN 65 95-113	
CS 7	PB176753	SUFFICIENT CONDITIONS FOR OPTIMAL CONTROL OF CONVEX PROCESSES	J.B.ROSEN	1 MAY 64	29	N		
CS 8	AD603116	CALCULATING THE SINGULAR VALUES AND PSEUDO-INVERSE OF A MATRIX	G.GOLUB W.KAHAN	4 MAY 64	33	N	J.SIAM NUMER. ANAL. SER. B, 2 205-224 (1965)	
CS 9	AD604012	THE QD-ALGORITHM AS A METHOD FOR	CHR.ANDERSON	8 JUN 64	74	N		

			FINDING THE ROOTS OF A POLYNOMIAL EQUATION WHEN ALL ROOTS ARE POSITIVE						
	CS 10	AD603163	ON CLOSEST NORMAL MATRICES	R.L.CAUSEY	30 JUN 64	131	N	THESIS	
	CS 11	PB176754	ELASTIC-PLASTIC ANALYSIS OF TRUSSES BY THE GRADIENT PROJECTION METHOD	T.NAKAMURA J.B.ROSEN	17 JUL 64	32	N		
	CS 12	AD608292	NUMERICAL METHODS FOR SOLVING LINEAR LEAST SQUARES PROBLEMS (AND) AN ALGOL PROCEDURE FOR FINDING LINEAR LEAST SQUARES SOLUTIONS	G.GOLUB P.BUSINGER	28 AUG 64	2+	N	NUMER. MATH.7, 3(1965), 206-216	
	CS 13	N65-27058	COMPUTATION OF THE PSEUDOINVERSE OF A MATRIX OF UNKNOWN RANK	V.PEREYRA J.B.ROSEN	1 SEP 64	28	N		CR 6, 4(1965) #7948
	CS 14	TT-65-61724	ON APPROXIMATE CALCULATIONS OF THE EIGENVALUES AND EIGENFUNCTIONS OF BOUNDARY VALUE PROBLEMS IN PARTIAL DIFFERENTIAL EQUATIONS	V.A.EFIMENKO TRANS. BY G.REITER C.MOLER	24 NOV 64	20	N		
	CS 15	AD>12366	COMPUTER SEARCH FOR NON-ISOMORPHIC CONVEX POLYHEDRA	D.W.GRACE	29 JAN 65	1≥+	K	THESIS	
	CS 16	AD61142+	MAXIMIZING A SECOND DEGREE POLYNOMIAL ON THE UNIT SPHERE	G.E.FORSYTHE G.H.GOLUB	5 FEB 65	≥1	N	J.SIAM 13 (1965) 1050-1068	
	CS 17	AD611434	AUTOMATIC GRADING PROGRAMS	G.E.FORSYTHE N.WIRTH	12 FEB 65	1+	G	COMM. ACM 8, 5 (1965) 275 278	
	CS 18	AD61 [illegible]	THE DIFFERENCE CORRECTION METHOD FOR NON-LINEAR TWO-POINT BOUNDARY VALUE PROBLEMS	V.PEREYRA	25 FEB 65		N		
	CS 19	TT-65-61839	ENGLISH EQUIVALENTS OF METALINGUISTIC TERMS OF RUSSIAN ALGOL	M.I.AGEEV J.MACLAREN	2 MAR 65		P		
	CS 20	PB17o755	EULER: A GENERALI-TION OF ALGOL AND	N.WIRTH H.WEBER	27 APR 65	115	P	COMM. ACM 9,(1966) 1(13-23), 2(89-99)	

			ITS FORMAL DEFINITION						
CS 21	PB176756	VECTORCARDIOGRAPHIC ANALYSIS BY DIGITAL COMPUTER, SELECTED RESULTS	J.J.FISHER J.VON DE GROEBE J.G.TOOLE	7 MAY 65	1-4	N,C,H		
CS 22	AD616676	FINITE DIFFERENCE METHODS FOR THE EIGENBALUES OF LAPLACE'S OPERATOR	C.B.MOLER	27 MAY 65	142	N	THESIS	CR 7, #9767
CS 23	AD618214	CONVEX POLYNOMIAL APPROXIMATION	B.D.RUDIN	4 JUN 65	44	N	THESIS	CR 7, 5(1966), REV. 10 503
CS 24	AD616611	ON THE MINIMIZATION OF THE NUMBER OF ARITHMETIC OPERATIONS FOR THE SOLUTION OF LINEAR ALGEBRAIC SYSTEMS OF EQUATIONS	V.V.KLYUYEV N.I.KOKOVKIN SHCHERBAK TRANSLATED BY G.J.TEE	14 JUN 65	24	N,A		
CS 25	AD618215	YIELD-POINT LOAD DETERMINATION BY NONLINEAR PROGRAMMING	P.G.HODGE	18 JUN 65	24	N		CR 7, 2 (1966) #9451
CS 26	NOT AT NTIS	STANFORD UNIV.'S PROGRAM IN COMPUTER SCIENCE	G.E.FORSYTHE	25 JUN 65	15	E	CACM 10 (1967),	3-11
CS 27	AD618216	AN ANALYSIS OF ONE ALGORITHM OF HEIGHTENED PRECISION OF THE METHOD OF NETS FOR THE SOLUTION OF POISSON'S EQUATION	E.A.VOLKOV TRANSLATED BY R.BARTELS	4 JUL 65	29	N		
CS 28	AD618217	MATRIX THEOREMS FOR PARTIAL DIFFERENTIAL AND DIFFERENCE EQUATIONS	J.MILLER G.STRANG	16 JUL 65	33	N	MATH. SCAND.18, 113-123 (1966)	
CS 29	AD624837	ON IMPROVING AN APPROXIMATE SOLUTION OF A FUNCTIONAL EQUATION BY DEFERRED CORRECTIONS	V.PEREYRA	31 AUG 65	32	N	NUMER. MATH. 8 4 (1966) 376-391	
CS 30	SS624-829	THE AUTOMATIC CONSTRUCTION OF COMPUTATIONAL ALGORITHMS	G.MARCHUK TRANSLATED BY G.J.TEE	30 SEP 65	56	N		
CS 31	SS626-315	ON THE APPROXIMATION OF WEAK SOLUTIONS OF LINEAR	P.A.RAVIART	6 DEC 65	55	N	ICC BULLETIN	

			PARABOLIC EQUATIONS BY A CLASS OF MULTI-STEP ⓓIFFERENCE METHODS					
	CS ∃Z	SS633-557	MINIMUM MULTIPLICATION FOURIER ANALYSIS	R.W.HOCKNEY	14 DEC 65	53	N,A	
	CS 33	PB176763	A PROGRAMMING LANGUAGE FOR THE 360 COMPUTERS	N.WIRTH	24 DEC 65	23	P	UPDATED CS53
	CS 34	SS630-998	EIGENVECTORS OF A REAL MATRIX BY INVERSE ITERATION	J.M.VARAH	8 FEB 66	24	N	
	CS ∃S	PB176758	A CONTRIBUTION TO THE DEVELOPMENT OF ALGOL	N.WIRTH C.HOARE	24 DEC 66 REV. 12 FEB 66	64	P	COMM.ACM 10, 6 JUN (66) 413-418
	CS ∃6	PB176759	THE CALCULATION OF ZEROS OF POLYNOMIALS AN ANALYTIC FUNCTIONS	J.F.TRAUB	12 APR 66	26	N	PROC SYMP. I N APPLIED ΛΛVΗ ● AMER. MATH.SOC.19(1967), 138-152
	CS 37	PB176789	COGENT 1-Z OPERATIONS MANUAL	J.D.REYNOLDS	Z Z APR 66	33	P	
	CS 38 Λ I 40	AD662880	CORRECTNESS OF A COMPILER FOR ARITHMETIC EXPRESSIONS	J.MCCARTHY J.PAINTER	29 APR 66	13	N,P	PROC.SYMP. IN APPLIED MATH., AMER. MATH. SOC. 19 (1967), 33-41
	CS 39	PB176760	A UNIVERSITY'S EDUCATIONAL PROGRAM IN COMPUTER SCIENCE	G.E.FORSYTHE	18 MAY 66	26	G,E	COMM.ACM 10, 1 (1967) 3-11
	CS 40	AD639052	HOW DO YOU SOLVE A QUADRATIC EQUATION?	G.E.FORSYTHE	16 JUN 66	19	G,N	COSRIMS, 139-152. THE MATH. SCIENCES, MIT PRESS 1969
	CS 41	SS638-976	ACCURATE EIGENVALUES OF A SYMMETRIC TRI-DIAGONAL MATRIX	W.KAHAN	22 JUL 66	53	N	
	CS 42	SS638-797	WHEN TO NEGLECT OFF-DIAGONAL ELEMENTS OF SYMMETRIC TRI-DIAGONAL MATRICES	W.KAHAN	25 JUL 66	10	N	
	CS 43	SS638-798	TWO WORKING ALGORITHMS FOR THE EIGENVALUES OF A SYMMETRIC TRI-DIAGONAL MATRIX	W.KAHAN J.VARAH	1 AUG 66	28	N	
	CS 44	SS638-818	RELAXATION METHODS FOR AN EIGENVALUE PROBLEM	W.KAHAN	8 AUG 66	35	N	

240.								
241.	CS 45	SS638-795	RELAXATION METHODS FOR SEMI-DEFINITE SYSTEMS	W.KAHAN	9 AUG 66	31	N	
242.								
243.								
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245.	CS 46	SS638-809	TODAY'S COMPUTATIONAL METHODS OF LINEAR ALGEBRA	G.E.FORSYTHE	11 AUG 66	47	N	SIAM REVIEW 9 3 (1967) 489-515
246.								
247.								
248.								
249.	CS 47	PB173335	AN INTERPRETER FOR "IVERSON NOTATION"	P.ABRAMS	17 AUG 66	61	P	
250.								
251.								
252.	CS 48	SS639-166	AN APPROACH TO COMPUTER LANGUAGE DESIGN	W.M.MCKEEMAN	31 AUG 66	124	D,P	THESIS
253.								
254.								
255.								
256.	CS 49	SS640-836	AN APPROACH TO COMPUTER SPEECH RECOGNITION BY DIRECT ANALYSIS OF SPEECH WAVE	D.R.REDDY	1 SEP 66	143	I	THESIS
257.	AI 43							
258.								
259.								
260.								
261.	CS 50	PB176761	SOME SEQUENCE EXTRAPOLATING PROGRAMS: A STUDY OF REPRESENTATION AND MODELLING IN INQUIRING SYSTEMS	S.PERSSON	26 SEP 66	176	I	THESIS (BERKELEY)
262.	AI 46							
263.								
264.								
265.								
266.								
267.								
268.	CS 51	AD648394	NUMERICAL CALCULATION OF TRANSONIC FLOW PATTERNS	S.BERGMAN J.G.HERRIOT T.G.KURTZ	14 OCT 66	35	N	MATH COMP 22 (1968), 13-27 MR 36, #7379
269.								
270.								
271.								
272.	CS 52	PB176762	LECTURE NOTES ON A COURSE IN SYSTEMS PROGRAMMING	A.C.SHAW	9 DEC 66	216	P	
273.								
274.								
275.								
276.	CS 53	PB176757	A PROGRAMMING LANGUAGE FOR THE 360 COMPUTERS	N.WIRTH	20 DEC 66	81	P	J.ACM 15, 1 JAN(1968) 37-74 CR 9, 14506
277.								
278.								
279.								
280.	CS 54	AD662882	A GENERALIZED BAIRSTOW ALGORITHM	G.GOLUB T.N.ROBERTSON	13 JAN 67	10	N	C.ACM 10, 6 (1967) 371-373
281.								
282.								
283.	CS 55	AD647200	A STOPPING CRITERION FOR POLYNOMIAL ROOT FINDING	D.A.ADAMS	10 FEB 67	11	N	C.ACM 10, 10 (OCT 67) 655-658
284.								
285.								
286.								
287.	CS 56	PB176764	QD-METHOD WITH NEWTON SHIFT	F.L.BAUER	1 MAR 67	6	N	
288.								
289.								
290.	CS 57	PB176765	THE USE OF TRANSITION MATRICES IN COMPILING	D.GRIES	17 MAR 67	60	P	C.ACM 11, 1 JAN (1968) 26-34
291.								
292.								
293.								
294.								
295.								
296.								
297.	CS 58	PB176766	RECURSIVE FUNCTIONS OF REGULAR EXPRESSIONS IN LANGUAGE	V.TIXIER	20 MAR 67	146	M,P	THESIS
298.								
299.								

300.			ANALYSIS					
301.								
302.	CS 59	SS650-116	ALMOST DIAGONAL MATRICES WITH MULTIPLE OR CLOSE EIGENVALUES	J.H.WILKINSON	3 APR 67	18	N	LINEAR ALGEBRA APPLIC. 1 (1968), 1-12
303.								
304.								
305.								
306.	CS 60	SS650-117	TWO ALGORITHMS BASED ON SUCCESSIVE LINEAR INTERPOLATION	J.H.WILKINSON	10 APR 67	13	N	
307.								
308.								
309.								
310.	CS 61	SS650-610	ON THE ASYMPTOTIC DIRECTIONS OF THE S-DIMENSIONAL OPTIMUM GRADIENT METHOD	G.E.FORSYTHE	13 APR 67	43	N	NUMER.MATHEMATIK 11, 1 (1968) 57-76
311.								
312.								
313.								
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315.	CS 62	SS650-620	VARYING LENGTH FLOATING POINT ARITHMETIC: A NECESSARY TOOL FOR THE NUMERICAL ANALYST	M.TIENARI	17 APR 67	38	D,N	BIT 10 (1970) 355-365
316.								
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318.								
319.								
320.								
321.	CS 63	SS650-627	GRAEFFE'S METHOD FOR EIGENVALUES	G.POLYA	24 APR 67	9	N	NUMER.MATHEMATIK 11, 4 (1968) 315-319
322.								
323.								
324.								
325.	CS 64	SS651-201	FLOATING-POINT NUMBER REPRESENTATIONS: BASE CHOICE VERSUS EXPONENT RANGE	P.RICHMAN	28 APR 67	32	N,D	
326.								
327.								
328.								
329.								
330.	CS 65	P8176767	ON CERTAIN BASIC CONCEPTS OF PROGRAMMING LANGUAGES	N.WIRTH	1 MAY 67	30	P	
331.								
332.								
333.								
334.	CS 66	AD652921	THE COMPUTATION OF BOUNDS FOR THE INVARIANT SUBSPACES OF A GENERAL MATRIX OPERATOR	J.M.VARAH	26 MAY 67	240	N	MATH. COMPUT. 22, 785-801 (1968) THESIS
335.								
336.								
337.								
338.								
339.								
340.	CS 67	AD652992	COMPUTATIONAL CONSIDERATIONS REGARDING THE CALCULATION OF CHEBYSHEV SOLUTIONS FOR OVER-DETERMINED LINEAR EQUATIONS SYSTEMS BY THE EXCHANGE METHOD	R.H.BARTELS G.H.GOLUB	2 JUN 67	63	N	CACM
341.								
342.								
343.								
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347.								
348.								
349.	CS 68	P8176768	THE PL 360 SYSTEM	N.WIRTH	5 JUN 67	63	P	
350.								
351.	CS 69	P8176769	TRANSLATOR WRITING SYSTEMS	J.FELDMAN D.GRIES	9 JUN 67	127	P	C.ACM 11, 2 (FEB 68) 77-113 CR 9, 14729
352.								
353.								
354.								
355.								
356.								
357.	CS 70	AD655472	ON COMPUTATION OF FLOW PATTERNS OF COMPRESSIBLE FLUIDS	S.BERGMAN J.G.HERRICOT P.L.RICHMAN	7 JUL 67	77	N	MATH. COMPUT. 23, 355-372 (1969)
358.								
359.								

			IN THE TRANSONIC REGION					
	CS 71	AD655230	AN ALGORITHM FOR AN AUTOMATIC GENERAL POLYNOMIAL SOLVER	M.A.JENKINS J.F.TRAUB	27 JUL 67	38	N	PROC. OF A SYMP. ON CONSTRUCTIVE ASPECTS OF THE FUNDAMENTAL THEOREM OF ALGEBRA B.DEJON, P. HENRICI, EDS. (1967) 151-180
	CS 72	PB175581	CHEBYSHEV APPROXIMATION OF CONTINUOUS FUNCTIONS BY A CHEBYSHEV SYSTEMS OF FUNCTIONS	G.H.GOLUB L.B.SMITH	28 JUL 67	54	N	
	CS 73	AD662883	LEAST SQUARES, SINGULAR VALUES AND MATRIX APPROXIMATIONS (AND) AN ALGOL PROCEDURE FOR COMPUTING THE SINGULAR VALUE DECOMPOSITION	P.BUSINGER G.H.GOLUB	31 JUL 67	12	N	APLIKACE MATEMATICKY 13, 44-51 (1968)
	CS 74	AD657639	WHAT IS A SATISFACTORY QUADRATIC EQUATION SOLVER?	G.E.FORSYTHE	AUG 67	9	G,N	PROC. OF A SYMP. ON CONSTRUCTIVE ASPECTS OF THE FUNDAMENTAL THEOREM OF ALGEBRA. B.DEJON, P.HENRICI, EDS. (1967), 53-61
	CS 75	PB175793	THEORY OF NORMS	F.L.BAUER	31 AUG 67	136	N	
	CS 76	AD657450	COLLECTIVELY COMPACT OPERATOR APPROXIMATIONS	P.M.ANSELONE	17 APR 67	60	N	PRENTICE HALL, 1971
	CS 77	PB176770	WHAT TO DO TILL THE COMPUTER SCIENTIST COMES	G.E.FORSYTHE	22 SEP 67	13	G	AMER. MATH. MONTHLY 75, 454-462 (1968)
	CS 78	PB176771	MACHINE UTILIZATION OF THE NATURAL LANGUAGE WORD "GOOD"	K.M.COLBY H.ENEA	25 SEP 67		L,I	
	CS 79	AD662884	360 U.S. FORTRAN IV FREE FIELD INPUT/OUTPUT SUBROUTINE PACKAGE	R.W.DORAN	OCT 67	21	P	
	CS 80	AD662902	DIRECTED RANDOM GENERATION OF SENTENCES	J.FRIEDMAN	OCT 67	30	L	C.ACM 12, 1 1969, 40-46
	CS 81	AD661217	CALCULATION OF GAUSS QUADRATURE RULES	G.H.GOLUB J.H.WELSCH	3 NOV 67	28	N	MATH.COMP. 23, 106, (1969) 221-230
	CS 82	PB176775	A DIRECTED GRAPH	L.TESLER	29 DEC 67	31	I	MATH.BIO-

420. 421. 422. 423.			REPRESENTATION FOR COMPUTER SIMULATION OF BELIEF SYSTEMS	H.ENEA K.M.COLBY				SCIENCES 2 (1968) 19-40
424. 425. 426. 427. 428. 429.	CS 83	AD664237	ITERATIVE REFINEMENTS OF LINEAR LEAST SQUARES SOLUTIONS BY HOUSEHOLDER TRANSFORMATIONS	A.BJORCK G.GOLUB	19 JAN 68	28	N	BIT 7, (1967) 322-337
430. 431. 432. 433.	CS 88	AD692680	A COMPUTER SYSTEM FOR TRANSFORMATIONAL GRAMMAR	J.FRIEDMAN	JAN 68	31		C.ACM 12, 6 1969, 341-348
434. 435. 436. 437. 438. 439.	CS 84	PB177426	COMPUTER-AIDED LANGUAGE DEVELOPMENT IN NONSPEAKING MENTALLY DISTURBED CHILDREN	K.M.COLBY	15 DEC 60	35	H	ARCHIVES OF GENERAL PSYCHIATRY, 19 (1968) 641-651
440. 441. 442. 443.	CS 86	PB179162	ALGOL W	H.R.BAUER S.BECKER S.L.GRAHAM	JAN 68	90	P	REVISED AS CS110
444. 445. 446. 447. 448.	CS 87	PB178176	CS139 LECTURE NOTES PART 1, SECTIONS 1 THRU PRELIMINARY VERSION	J.EHRMAN		188	D	
449. 450. 451. 452.	CS 88	AD665672	RELAXATION METHODS FOR CONVEX PROBLEMS	S.SCHECHTER	16 FEB 68	19	N	SIAMJ ● NUM.ANAL 5 (1968) 601-612
453. 454. 455. 456.	CS 89	PB180920	ALGOL W (REVISED)	H.R.BAUER S.BECKER S.L.GRAHAM	MAR 68	82	P	REVISED AS CS 110
457. 458. 459. 460. 461. 462.	CS 90	PB178177	A MULTI-LEVEL COMPUTER ORGANIZATION DESIGNED TO SEPARATE DATA ACCESSING FROM THE COMPUTATION	V.R.LESSER	11 MAR 68	20	D	
463. 464. 465. 466.	CS 91	PB178114	THE PL360 SYSTEM	N.WIRTH J.W.WELLS, JR. E.H.SATTERTHWAITE, JR.	1 APR 68	89	P	
467. 468.	CS 92	PB178078	MLISP	H.ENEA	14 MAR 68	18	P	
469. 470. 471. 472.	CS 93	PB178115	COMPUTER SCIENCE AND EDUCATION	G.E.FORSYTHE	27 MAR 68	80		PROC.IFIP, CONG. 1968 EDINBURGH 1025-1039
473. 474. 475. 476. 477.	CS 94 SLACR84		THE FORMAL DESCRIPTION AND PARSING OF PICTURES	A.C.SHAW	S APR 68	205	D	THESIS
478. 479.	CS 95	NOT AT NTIS	A FORMAL SYNTAX FOR TRANSFORMATIONAL	J.FRIEDMAN R.W.DORAN	MAR 68	47	L,P	A [illegible]TER MODEL OF [illegible] GRAMMAR, AMER.

			GRAMMAR					ELSEVIER, N.Y.
	CS 96	AD673673	INTERVAL ARITHMETIC DETERMINANT EVALUATION AND ITS USE IN TESTING FOR A CHEBYSHEV SYSTEM	L.B.SMITH	26 APR 68	26	N	C.ACM 12,2 (1969) 89-93
	CS 97	NOT AT NTIS	RESEARCH IN THE COMPUTER SCIENCE DEPT. STANFORD U. (NOT AVAILABLE)	W.F.MILLER	26 APR 68	49		
	CS 98	PB179162	ALGOL W IMPLEMENTATION	M.BAUER S.BECKER S.GRAHAM	20 MAY 68	147		
	CS 99	PB179057	LECTURE NOTES ON FOUNDATIONS FOR COMPUTER SCIENCE	J.FRIEDMAN	1 JUN 68	212		
	CS 100	PB178877	A COMPUTER MODEL OF INFORMATION PROCESSING IN CHILDREN	T.H.BREDT	JUN 68	60		MATH.BIO-SCIENCES 1969 VOL 5 155-193
	CS 101 AI 60	AD672923	THE FORMAL THEORETIC ANALYSIS OF STRONG EQUIVALENCE FOR ELEMENTAL PROGRAMS	D.M.KAPLAN	12 JUN 68	263		THESIS
	CS 102	AD677982	INTEGER PROGRAMMING OVER A CONE	A.PNUELI	12 JUL 68	29		
	CS 103	AD692689	LEXICAL INSERTION IN TRANSFORMATIONAL GRAMMAR	T.H.BREDT J.FRIEDMAN	JUN 68	47		A COMPUTER MODEL OF TRANSFORMATIONAL GRAMMARS, AMER. ELSEVIER N.Y .(1971)
	CS 104	AD673010	A NUMERICAL INVESTIGATION OF THE SIMPLEX METHOD	R.BARTELS	31 JUL 68	122		THESIS - NUM. MATH. VOL 16 (1971) 414-434
	CS 105	AD673674	EPSILON-CALCULUS	P.RICHMAN	16 AUG 68	138	N	THESIS
	CS 106 AI 65	AD673971	A PROGRAM TO PLAY CHESS END GAMES	B.HUBERMAN	19 AUG 68	168	I	THESIS
	CS 107	AD668558	A THREE-STAGE VARIABLE-SHIFT ITERATION FOR POLYNOMIAL ZEROS AND ITS RELATION TO GENERALIZED RAYLEIGH ITERATION	M.JENKINS	26 AUG 68	46		
	CS 108	AD692681	COMPUTER EXPERIMENTS IN TRANSFORMATIONAL GRAMMAR	J.FRIEDMAN (EDITOR)	AUG 68	36		A COMPUTER MODEL OF TRANSF. GRAMMAR, AMER. ELSEVIER, N.Y. (971)
	CS 109	AD692690	A COMPUTER SYSTEM FOR WRITING AND	J.FRIEDMAN	30 SEP 68	14		A COMPUTER MODEL OF TRANSF. GRAMMAR, AMER.

			TESTING TRANSFORMATIONAL GRAMMARS--FINAL REPORT					ELSEVIER, N.Y. (1971)
CS 110	PB180920		ALGOL W (REVISED)	H.BAUER S.BECKER S.GRAHAM E.SATTERTHWAITE	OCT 68	103	P	REVISED AS CS230
CS 111	AD692691		ANALYSIS IN TRANSFORMATIONAL GRAMMAR	J.FRIEDMAN T.MARTNER	AUG 68	18	L	A COMPUTER MODEL OF TRANSF. GRAMMAR, AMER. ELSEVIER, N.Y. (1971)
CS 112	AD692687		A CONTROL LANGUAGE FOR TRANSFORMATIONAL GRAMMAR	J.FRIEDMAN B.POLLACK	AUG 68	51	L,P	A COMPUTER MODEL OF TRANSF. GRAMMAR, AMER. ELSEVIER, N.Y. (1971)
CS 113	PB188705		THE IMPACT OF STORAGE MANAGEMENT ON PLEX PROCESSING LANGUAGE IMPLEMENTATION	W.J.HANSEN	JUL 68	253	P	
CS 114	PB182156		CALGEN-AN INTERACTIVE PICTURE CALCULUS GENERATION SYSTEM	J.GEORGE	DEC 68	75	P	
CS 115	AD692686		PROGRAMMER'S MANUAL FOR A COMPUTER SYSTEM FOR TRANSFORMATIONAL GRAMMAR	J.FRIEDMAN T.BREDT R.DORAN T.MARTNER B.POLLACK	AUG 68	199	P,L	A COMPUTER MODEL OF TRANSF. GRAMMAR, AMER. ELSEVIER, N. Y. (1971)
CS 116 AI 72	AD680036		THE KINEMATICS OF MANIPULATORS UNDER COMPUTER CONTROL	D.PIEPER	24 OCT 68	157	I,C	THESIS
CS 117	PB182151		A COMPUTATIONAL MODEL WITH DATA FLOW SEQUENCING	D.ADAMS	DEC 68	130	M	THESIS
CS 118 AI 74	AD681027		MACHINE LEARNING OF HEURISTICS	D.WATERMAN	DEC 68	235	I	THESIS
CS 119	AD692681		MATHEMATICAL PROGRAMMING LANGUAGE	G.DANTZIG ET AL	15 MAY 68	91	P,N,O	
CS 120	PB182166		MUTANT 0.5: AN EXPERIMENTAL PROGRAMMING LANGUAGE	E.SATTERTHWAITE	17 FEB 68	60	P	
CS 121	AD682978		ACCURATE BOUNDS FOR THE EIGENVALUES OF THE LAPLACIAN AND APPLICATIONS TO RHOMBICAL DOMAINS	C.B.MOLER	19 FEB 69	17	N	
CS 122	AD687450		HEURISTIC ANALYSIS OF NUMERICAL	A.C.MITCHELL D.L.MCCRAITH	24 FEB 69	21	N	

			VARIANTS OF THE GRAM-SCHMIDT ORTHONORMALIZATION PROCESS				
	CS 123	AD696982	EMPIRICAL EVIDENCE FOR A PROPOSED DISTRIBUTION OF SMALL PRIME GAPS	R.P.BRENT	28 FEB 69	18 K	MATH. COMP. 28(1974) 315/324
	CS 124	AD687719	MATRIX DECOMPOSITIONS AND STATISTICAL CALCULATIONS	G.H.GOLUB	10 MAR 69	52 N	PROC OF A CONF. ON STATISTICAL COMPUTATION, ACADEMIC PRESS (1969)
	CS 125 AI 89	AD692390	GRAMMATICAL COMPLEXITY AND INFERENCE	J.FELDMAN J.HORNING J.GIPS S.REDER	JUN 69	100 M	
	CS 126	AD702898	COMPLEMENTARY SPANNING TREES	G.DANTZIG	MAR 69	10 K	INTEGER AND NONLINEAR PROGRAMMING (J.ABADIE, ED.) NORTH HOLLAND PUB. CO., AMSTERDAM 1970
	CS 127 AI 8 9	AD687720	ASPECTS OF SPEECH RECOGNITION BY COMPUTER	P.VICENS	APR 69	210 I	THESIS
	CS 128	AD687717	THE METHOD OF ODD/EVEN REDUCTION AND FACTORIZATION WITH APPLICATION TO POISSON'S EQUATION	G.H.GOLUB B.L.BUZBEE C.W.NIELSON	APR 69	39 N	J.SIAM NUMER.ANAL.
	CS 129	NOT AT NTIS	RESEARCH IN THE COMPUTER SCIENCE DEPARTMENT	W.F.MILLER	APR 69	82 G	
	CS 130 AIM 83	PB183907	A CONCEPTUAL DEPENDENCY REPRESENTATION FOR A COMPUTER-ORIENTED SEMANTICS	R.C.SCHANK	MAR 69	201 I,P	THESIS(U.OF TEXAS)
	CS 131 SLACR96	SLAC 96	THE USE OF MAN-MACHINE INTERACTION IN DATA-FITTING PROBLEMS	L.B.SMITH	MAR 69	287 N,D	THESIS
	CS 132	NOT YET PRINTED					
	CS 133	AD687718	HANDBOOK SERIES LINEAR ALGEBRA:	G.H.GOLUB C.REINSCH	MAY 69	38 N	NUMER.MATH 14, 1970, 403-420

			SINGULAR VALUE DECOMPOSITIONS AND LEAST SQUARES SOLUTIONS					
	CS 134	AD700923	LINEAR LEAST SQUARES AND QUADRATIC PROGRAMMING	G.H.GOLUB M.A.SAUNDERS	MAY 69	38	N	INTEGER AND NONLINEAR PROGRAMMING, II
	CS 135 SLACR 102	NOT AT NTIS	COMPILER IMPLEMENTATION LANGUAGE	D.GRIES	MAY 69	113	P	
	CS 136 SLACR 104	NOT AT NTIS	BI-DIRECTIONAL AND HEURISTIC SEARCH IN PATH PROBLEMS	I.POHL	MAY 69	157	I,K	THESIS
	CS 137	AD698801	FIXED POINTS OF ANALYTIC FUNCTIONS	P.HENRICI	JUL 69	7	N	
	CS 138 AI 96	AD696394	THE APPLICATION OF THEOREM PROVING TO QUESTION-ANSWERING SYSTEMS	C.C.GREEN	JUN 69	162	I	THESIS
	CS 139 AI 98	AD695401	A STUDY OF GRAMMATICAL INFERENCE	J.J.HORNING	AUG 69	166	M	THESIS
	CS 140	AD698799	DESIGN - THEN AND NOW	G.E.FORSYTHE	SEP 69	15	6	IEEE JOINT CONF ON MATH AND COMP. AIDS I O DESIGN, ACM 1969, 2-10
	CS 141	PB188542	BOUNDS FOR THE ERROR OF LINEAR SYSTEMS OF EQUATIONS USING THE THEORY OF MOMENTS	G.DAHLQUIST S.C.EISENSTAT G.H.GOLUB	OCT 69	26	N	
	CS 142		STATIONARY VALUES OF THE RATIO OF QUADRATIC FORMS SUBJECT TO LINEAR CONSTRAINTS	G.H.GOLUB R.UNDERWOOD	NOV 69	22	N	ZAMP, 21, 3 (1970), 318-326
	*CS 143	AD694464	THREE-STAGE VARIABLE-SHIFT FOR THE SOLUTION OF POLYNOMIAL EQUATIONS WITH A POSTERIORI ERROR BOUNDS FOR THE ZEROS	M.A.JENKINS	AUG 69	199	N	THESIS MATH 14 (1970), 252-263
			*HAS ALSO BEEN PRINTED INCORRECTLY AS CS 138					
	CS 144	AD698800	THE MAXIMUM AND MINIMUM OF A POSITIVE DEFINITE QUADRATIC POLYNOMIAL ON A SPHERE ARE CONVEX FUNCTIONS OF THE RADIUS	G.E.FORSYTHE	JUL 69	9	N	SIAM J. APPL. MATH. 19 (1970), 551-554
	CS 145	AD698798	METHODS OF SEARCH FOR SOLVING POLY-	P.HENRICI	JUL 69	25	N	ACM J. 17, 273-283 (1970)

			NOMIAL EQUATIONS					
	CS 146	NOT AT NTIS	ROUNDOFF ERROR ANALYSIS OF THE FAST FOURIER TRANSFORM	G.U.RAMOS	FEB 70		N	THESIS; MATH OF COMP V.25 (1971), 757-768
	CS 147	AD699897	PITFALLS IN COMPUTATION, OR WHY A MATH BOOK ISN'T ENOUGH	G.E.FORSYTHE	6 JAN 70	43	N,G	AMER. MATH. MONTHLY 27 (1970), 931-956
	CS 148	PB188749	NOTES ON AVOIDING "GO TO" STATEMENTS	D.E.KNUTH R.W.FLOYD	JAN 70	15	P	INF. PROC. LETTERS 1 (1971), 23-31
	CS 149	PB188748	OPTIMUM BINARY SEARCH TREES	D.E.KNUTH	JAN 70	19	A,K,P	ACTA INFORMATICA 1, PP. 14-25 (1971)
	CS 150	AD699898	ELEMENTARY PROOF OF THE WIELANDT-HOFFMAN THEOREM AND OF ITS GENERALIZATION	J.H.WILKINSON	JAN 70	8	N	
	CS 151	NOT AT NTIS	ON THE PROPERTIES OF THE DERIVATIVES OF THE SOLUTION OF LAPLACE'S EQUATION AND THE ERRORS OF THE METHOD OF FINITE DIFFERENCES FOR BOUNDARY VALUES IN C(2) AND C(1,1)	E.A.VOLKOV, TRANS. BY G.E.FORSYTHE	JAN 70	26	N	
	CS 152	NOT AT NTIS	RAPID COMPUTATION OF INTERPOLATION FORMULAE AND MECHANICAL QUADRATURE RULES	S.GUSTAFSON	FEB 70	23	N	CACM 14 (1971), 797-801, 806-807
	CS 153	AD701358	ERROR PROPAGATION BY USE OF INTERPOLATION FORMULAE AND QUADRATURE RULES WHICH ARE COMPUTED NUMERICALLY	S.GUSTAFSON	FEB 70	17	N	
	CS 154	STAN-CS-70-154	THE SPECTRUM OF INCORRECTLY DECODED BURSTS FOR CYCLIC ERROR CODES	H.S.STONE	FEB 70	24	K	IEEE TRANS. ON INFO. THEORY, IT-17, NO. 6, 742-748, NOV 71
	CS 155	AD705508	THE METHOD OF ODD/EVEN REDUCTION AND FACTORIZATION WITH APPLICATION TO POISSON'S EQUATION, PART II	B.L.BUZBEE G.H.GOLUB C.W.NIELSON	MAR 70	36	N	J.SIAM NUM.ANAL. 7,(1970) 627-656
	CS 156	AD713972	ON A MODEL FOR COMPUTING ROUNDOFF ERROR OF A SUM	G.B.DANTZIG	OCT 70			
	CS 157	AD705509	ALGORITHMS FOR MATRIX MULTIPLICATION	R.P.BRENT	MAR 70	54	N	NUMER. MATH 16 (1970), 145-156

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781.	CS 158	STAN-CS-70-158	PARALLEL PROCESSING WITH THE PERFECT SHUFFLE	H.STONE	MAR 70	36	D,K	IEEE TRANS. ON COMPUTERS, C-20,NO.2 153-161, FEB 71
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797.	CS 161 SLACR117	NOT AT NTIS	THE FORMULARY MODEL FOR ACCESS CONTROL AND PRIVACY IN COMPUTER SYSTEMS	L.J.HOFFMAN	MAY 70	81	D,P	THESIS
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802.	CS 162 SLACP 760	AD709564	NUMERICAL TECHNIQUES IN MATHEMATICAL PROGRAMMING	R.H.BARTELS J.H.GOLUB M.A.SAUNDERS	MAY 70	61	N	
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806.	CS 163	AD708691	AN ALGORITHM FOR FLOATING-POINT ACCUMULATION OF SUMS WITH SMALL RELATIVE ERROR	M.MALCOLM	JUN 70	22	N	CACM 14 (1971), 731-736
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811.	CS 164	AD708692	ESTIMATES OF THE ROUNDOFF ERROR IN THE SOLUTION OF A SYSTEM OF CONDITIONAL EQUATIONS, BY V.I.GORDONOVA	TRANSLATED BY L.KAUFMAN	JUN 70	16	N	
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817.	CS 165	STAN-CS-70-165	THE SCHEDULING OF N TASKS WITH M OPERATIONS ON TWO PROCESSORS	H.BAUER H.STONE	JUL 70	34		
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822.	CS 166 AI 128	AD713841	REPRESENTING NATURAL-LANGUAGE INFORMATION IN PREDICATE CALCULUS	E.J.SANDEWALL	JUL 70	27		
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827.	CS 167 AI129	AD712460	SEMANTICS OF ALGOL-LIKE STATEMENTS	S.IGARASHI	JUN 70	95	M	SYMP. ON SEMANTICS OF ALGORITHM LANG. - LEC. NOTES IN MATH 188 SPR. VERLAG 1971, 117-177
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838.	CS 169 AI 126	AD711329	EXAMPLES OF FORMAL SEMANTICS	D.KNUTH	AUG 70	35	L,P	
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841.	CS 170	AD711334	ANALYSIS AND	T.BREDT	MAY 70	50	D	PROC. OF 5TH CONF. ON
842.	TR6		SYNTHESIS OF					INFORM. SCI., PRINCETON,
843.			CONCURRENT SEQUENTIAL					MAR. 1971,P.300
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846.	CS 171	AD714202	A SURVEY OF MODELS	T.BREDT	AUG 70	58	D	
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849.	CS 172	AD714180	ANALYSIS OF PARALLEL	T.BREDT	AUG 70	59	D	IEEE TRANS. ON COMPUTERS
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852.	CS 173	AD714181	THE MUTUAL EXCLUSION	T.BREDT	AUG 70	68	D	
853.	TR9		PROBLEM					
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855.	CS 174	AD711395	TOWARDS AUTOMATIC	Z.MANNA	AUG 70	55	N	C.ACM
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858.	CS 175	AD713842	A DESCRIPTION AND	M.MALCOLM	OCT 70	14	N	
859.			SUBROUTINES FOR					
860.			COMPUTING EUCLIDEAN					
861.			INNER PRODUCTS ON					
862.			THE IBM 360					
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864.	CS 176	AD715128	ON GENERALITY AND	E.A.FEIGENBAUM	SEP 70	48	I	MI-6, EDINBURGH
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866.			A CASE STUDY	J.LEDERBERG				
867.			USING THE DENDRAL					
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870.	CS 177	AD715511	THE BOSE-NELSON	R.W.FLOYD	OCT 70	16	A,K	
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873.	CS 178	NOT AT NTIS	RESEARCH REVIEW	G.FORSYTHE	OCT 70	186	P	
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880.	AI 132		TATION OF IMPERFECT					
881.			LINE DATA AS A THREE-					
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884.	CS 181		REDUCE 2 - USER'S	A.C.HEARN	OCT 70	85	I	
885.	AIM 133		MANUAL					
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887.	CS 182	AD746565	ACCOMODATION IN	J. TENENBAUM	SEP 70	452	I	THESIS
888.	AIM 134		COMPUTER VISION					
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890.	CS 183	AD717600	MACHINE LEARNING	J.M.WHITE	OCT 70	40	I	
891.	AIM 136		THROUGH SIGNATURE					
892.			TREES. APPLICATION					
893.			TO HUMAN SPEECH					
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895.	CS 184	AD715512	A NOTE ON A CONJEC-	M.MALCOLM	OCT 70	5	N	MATH COMPUTATION APR. 71
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898.	CS 185	TID22593	GRAPH PROGRAM	E.NELSON	OCT 70	175	D,P	
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901.	CS 186	AD715513	AN EMPIRICAL STUDY OF FORTRAN PROGRAMS	D.E.KNUTH	NOV 70	50	P	SOFTWARE VOL 1 1971), 105-133 5-133
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904.	CS 187	AD197154	MATHEMATICAL PROGRAMMING LANGUAGE (MPL) SPECIFICATION MANUAL FOR COMMITTEE REVIEW	G.DANTZIG ET. AL	DEC 70	82	K,N,O,P	
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910.	CS 188	PB197161	THE TRANSLATION OF 'GO TO' PROGRAMS TO 'WHILE' PROGRAMS	E.ASHCROFT Z.MANNA	DEC 70	28	M	PROC. IFIP CONG. (1971)
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914.	CS 189	AD717601	MATHEMATICAL THEORY OF PARTIAL CORRECTNESS	Z.MANNA	DEC 70	24	=	JOURNAL OF COMPUTER & SYSTEM SCIENCES 1971 VOL 5, NO.3 • JUN 71
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918.	CS 190	AD719398	AN N LOG N ALGORITHM FOR MINIMIZING STATES IN A FINITE AUTOMATON	J.HOPCROFT	DEC 70	12	A,D	
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922.	CS 191	PB198494	AN INTRODUCTION TO THE DIRECT EMULATION OF CONTROL STRUCTURES BY A PARALLEL MICRO-COMPUTER	V.LESSER	DEC 70	26	D	TRANS. ON COMPUTERS (SPECIAL I SSUE) IEEE JULY 1971
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928.	CS 192	AD719399	AN N LOG N ALGORITHM FOR ISOMORPHISM OF PLANAR TRIPLY CONNECTED GRAPHS	J.HOPCROFT	DEC 70	6	A	
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933.	CS 193	NOT AT NTIS	INTENTION, MEMORY AND COMPUTER UNDERSTANDING	R.SCHANK	DEC 70		I,L	
934.	AI 140							
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936.	CS 194	PB198495	THE ART OF COMPUTER PROGRAMMING - ERRATA ET ADDENDA	D.E.KNUTH	DEC 70	28	A,E,K,M,N	
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940.	CS 195	723871	THE DIRECT SOLUTION OF THE DISCRETE POISSON EQUATION ON IRREGULAR REGIONS	B.L.BUZBEE F.W.DORR A.GEORGE G.H. GOLUB	DEC 70	30	N	SIAM J. NUM. ANAL. 8 (1971) 722-736
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945.	CS 196	AD725167	MATRIX COMPUTATIONS WITH FORTRAN AND PAGING	C.B.MOLER	DEC 70	13	N,P	
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948.	CS 197	NOT AT NTIS	MIX/360 USER'S GUIDE	D.E.KNUTH R.L.SITES	JAN 71	11		
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951.	CS 198	AD726170	ALGORITHMS FOR FINDING ZEROS AND EXTREMA OF FUNCTIONS WITHOUT CALCULATING DERIVATIVES	R.BRENT	FEB 71	250	A,N	THESIS APPRD. AS "ALGORITHMS FOR MINIMIZATION WITHOUT DERIVATIVES," PRENTICE-HALL, 1973
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973.	CS 203	AD730506	THE HEURISTIC DENDRAL PROGRAM FOR EXPLAINING EMPIRICAL DATA	B.BUCHANAN E.FEIGENBAUM J.LEDERBERG	FEB 71	20	I	PROC. IFIP CONGRESS 1971
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982.	CS 205	AD731383	AN ALGEBRAIC DEFINITION OF SIMULATION BETWEEN PROGRAMS	ROBIN MILNER	MAR 71	20	A,M	PROC. 2ND IJCAI, BRIT. COMP. SOC., 1971
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994.	CS 208	AD726171	COMPUTER IMPLEMENTATION OF THE FINITE ELEMENT METHOD	J.A.GEORGE	MAR 71	220	N	THESIS
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1009.	CS 212	AD727107	TIME AND MEMORY REQUIREMENTS FOR SOLVING LINEAR SYSTEMS	M.A.MORGANA	MAR 71	7	N	
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1013.	CS 213	PB201629	THE SWITCHYARD PROBLEM: SORTING USING NETWORKS OF QUEUES AND STACKS	R.TARJAN	APR 71	13	A,K	JACM
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	CS 217 A I 148	AD731730	DECIDABLE PROPERTIES OF MONADIC FUNCTIONAL SCHEMAS	E.A.ASHCROFT Z.MANNA A.PNUELI	MAY 71	9	M	THEORY OF MACHINES COMPUTATIONS, ACAD. PRESS, 1971
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	CS 220 TR 14	AD727116	DYNAMIC MEMORIES WITH ENHANCED DATA ACCESS	H.STONE	FEB 71	32	O.N	IEEE TRANS.ON COMPUTERS, VOL. C-21, NO. 4, APR. 1972 359-366
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	CS 226 SLACR 133	SLAC 133	SIMPLE - A SIMPLE PRECEDENCE TRANSLATOR WRITING SYSTEM	J.E.GEORGE	JUL 71	92	P	
	CS 227 SLACR134	SLAC 134	GEMS - A GRAPHICAL EXPERIMENTAL META SYSTEM	J.E.GEORGE	JUL 71	184	&	THESIS
	CS 228	PB203343	FUNCTION MINIMIZA-	L.KAUFMAN	JUL 71	10	H,N,O	

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	CS 229	AD732766	VARIATIONAL STUDY OF NONLINEAR SPLINE CURVES	E.H.LEE G.E.FORSYTHE	AUG 71	22	N
	CS 230	PB202601	ALGOL W REFERENCE MANUAL	R.L.SITES	AUG 71	141	P
	CS 231 AI 149	AD732644	A STUDY OF THE REAL-TIME CONTROL OF A COMPUTER DRIVEN VEHICLE	R.SCHMIDT	AUG 71	165	I	THESIS
	CS 232	AD733073	AN ALGORITHM FOR THE GENERALIZED MATRIX EIGENVALUE PROBLEM	C.B.MOLER G.W. STEWART	AUG 71	50	N	SIAM
		NOT AT NTIS	DECLARATIVE SEMANTIC DEFINITION	WAYNE WILNER	AUG 71	211	P	THESIS
	CS 234	NOT AT NTIS	SOME MODIFIED EIGEN-VALUE PROBLEMS	G.H. GOLUB	SEPT 71	38	N	SIAM REVIEW
	CS 235 AIM 150	NOT AT NTIS	TOWARD INTERACTIVE DESIGN OF CORRECT PROGRAMS	R.W. FLOYD	SEPT 71	12	I,M,P	
	CS 236	AD737648	NUMERICAL COMPUTATION FOR UNIVARIATE LINEAR MODELS	G.H. GOLUB GEORGE STYAN	SEPT 71	35	N	TO BE PUBLISHED
	CS 237 TR16	AD737270	A GENERALIZATION OF THE DIVIDE-SORT-MERGE STRATEGY FOR SORTING NETWORKS	D.C.VAN VOORHIS	SEPT 71	69	A,D,K	AFIPS CONF. PROC. 43,1974,921-927
	CS 238 TR17	PB235901	A LOWER BOUND FOR SORTING NETWORKS THAT USE THE DIVIDE-SORT-MERGE STRATEGY	D.C.VAN VOORHIS	SEPT 71	13	A,D,K	
	CS 239 TR18	AD736610	LARGE (G.D.) SORTING NETWORKS	D.C.VAN VOORHIS	SEPT 71	88	A,D,K	AFIPS CONF. PROC. 42,1974,921-927
	CS 240 AI 151	AD738568	CORRECTNESS OF TWO COMPILERS FOR A LISP SUBSET	RALPH LONDON	OCT. 71			ACM SIGPLAN NOTICES VOL. 7, NO. 1, JAN 1972 EXERPTS IN "CORRECTNESS OF A COMPILER FOR A LISP SUBSET"

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CS 348	PB222513 SU326P30-26	HIGH ORDER FINITE DIFFERENCE SOLUTION OF DIFFERENTIAL EQUATIONS	V.PEREYRA	APR 73	86	N	
CS 349	PB221115	TIME BOUNDS FOR SELECTION	M.BLUM R.FLOYD V.PRATT R.RIVEST R.TARJAN	APR 73	22		
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CS350 TR53	AD761177	AN ALMOST-OPTIMAL ALGORITHM FOR THE ASSEMBLY LINE SCHEDULING PROBLEM	M.T.KAUFMAN	APR 73	21	A	IEEE TRANS. ON COMP. C-24,11,NOV.'74 1169/1174
CS 351 TR27	AD761175	PERFORMANCE OF AN I/O CHANNEL WITH MULTIPLE PAGING DRUMS	S.H.FULLER	APR 73			THESIS EXCERPT C.ACM,17,7,JULY 376-381,1974
CS 352 TR28	AD761176	THE EXPECTED DIFFERENCE BETWEEN THE SLTF AND MTPT DRUM SCHEDULING DISCIPLINES	S.H.FULLER	APR 73	6	D	THESIS EXCERPT SAME AS CS351
CS353 TR29	AD761185	RANDOM ARRIVALS AND MTPT DISC SCHEDULING DISCIPLINES	S.H.FULLER	APR 73	7		THESIS EXCERPT SAME AS CS352
CS354	PB221165/4	THE NUMBER OF SDR'S IN CERTAIN REGULAR SYSTEMS	D.A.KLARNER	APR 73	7		
CS 355 TR57	AD764598	AN ANALYSIS OF CENTRAL PROCESSOR SCHEDULING IN MULTIPROGRAMMED COMPUTER SYSTEMS	T.G.PRICE	APR 73	8	D	IEEE TRANS. ON COMPUTERS (SUBMITTED TO)

1680. CS 356 1681. AIM195	PB222164	MLISP 2	D.C.SMITH H.J.ENEA	APR 73	92			
1683. CS 357 1684 • AIM196	AD762471	A CONCEPTUALLY BASED SENTENCE PARAPHRASER	N.M.GOLDMAN C.K.RIESBECK	APR 73	88			
1686. CS 358 1687. AIM197	AD762470	INFERENCE AND THE COMPUTER UNDER-STANDING OF NATURAL LANGUAGE	R.C.SCHANK C.J.RIEGER,III	APR 73	40			
1691 • CS 359 1692. TN25	PB222064	A NOTE ON A COM-BINATORIAL PROBLEM OF BURNETT AND COFFMAN	H. STONE	MAY 73	8	D,K	C.ACM,17,3,MAR 74,165/167	
1695. CS 360 1696 • TR33	AD764014	OPEN,CLOSED AND MIXED NETWORKS OF QUEUES WITH DIFFERENT CLASSES OF CUSTOMERS	R.R.MUNTZ F.BASKETT	MAY 73	40	D,O	J.ACM,22,2,APR.'75 248-261	
1700. CS 361	AD764273	AN ALGORITHM FOR THE CONSTRUCTION OF THE GRAPHS OF ORGANIC MOLECULES	H.BROWN L.MASINTER	MAY 73	25			
1705. CS 362 1706. AIM199	(PRINTED IN OCTOBER, 1973 AS STAN-CS-73-398)							
1708. CS 363	PB222099	THE LZ ALGORITHM TO SOLVE THE GENERALIZED EIGENVALUE PROBLEM	L.KAUFMAN	MAY 73	101	N	THESIS PART 2	
1712. CS 364 1713. AIM198 1714 •	AD763611	ESTIMATION OF PROB-ABILITY DENSITY USING SIGNATURE TABLES FOR APPLICATION TO PATTERN RECOGNITION	R.B.THOSAR	MAY 73	36			
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1723. CS 366 1724. AIM201	AD763673	MODEL BASED (INTERMEDIATE-LEVEL) COMPUTER VISION	G.R.GRAPE	MAY 73	256		THESIS	
1727. CS 367	AD763601	ORDERED HASH TABLES	D.AMBLE D.E.KNUTH	MAY 73	34	A		COMPUTER J. MAY, 1974, 135-142
1731. CS368 1732. AIM202	AD764396	THE GOALS OF LINGUIS-TIC THEORY REVISITED	R.C.SCHANK Y.WILKS	MAY 73	44			
1734. CS 369 1735. AIM203	AD764274	THE DEVELOPMENT OF CONCEPTUAL STRUCTURES IN CHILDREN	R.C.SCHANK	MAY 73	26			
1738. CS 370 1739. AIM205	AD764288	A HEURISTIC PROGRAM TO DISCOVER SYNTHESES	N.S.SRIDHARAN H.GELERNTER	JUN 73	30	I		

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1744.	CS 371	PB223572/AS	A REVIEW OF	D,E,KNUTH	JUN 73	25	E,P	
1745.			"STRUCTURED PROGRAMMING"					
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1747.	CS 372	AD767970	NONLINEAR SPLINE	M.A.MALCOLM	JUN 73	60	N	THESIS EXCERPT
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1750.	CS 373	AD765353/8WC	SAIL USER MANUAL,	ED: K.VANLEHN	JUN 73	200	I,P	
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1781.	AIM209		A SEMANTIC BASE FOR					
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1784.	CS 381	AD767694	COMPUTER GENERATION	N.S.SRIDHARAN	JUL 73	18	I	
1785.			OF VERTEX-GRAPHS					
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1787.	CS 382	AD767335	AXIOMATIC APPROACH	Z.MANNA	JUL 73	26		
1788.	AIM210		TO TOTAL CORRECTNESS	A.PNUELI				
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1792.	AIM211		INFERENCE					
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1794.	CS 384	AD769379	THE GENERATION OF	A.HERSKOVITS	AUG 73	50	I,L	
1795.	AIM212		FRENCH FROM A					
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1828.	CS 390	NOT AT NTIS	A CONSTRUCTION FOR THE INVERSE OF A TURING MACHINE	J.GIPS	SEP 73	8	M	
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1836.	CS 392		SORTING AND SEARCHING - ERRATA AND ADDENDA	D.E.KNUTH	OCT 73	31	A	
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	CS 419 AIM233	ADA000086	CONCEPTUAL MEMORY: A THEORY AND A COMPUTER PROGRAM FOR PROCESSING THE MEANING CONTENT OF NATURAL LANGUAGE UTTERANCES	C.J. RIEGER, III	JUL 74	393		THESIS	
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	CS 429 TR70	PB232623/AS	EFFICIENT DATA ROUTING SCHEMES FOR ILLIAC IV-TYPE COMPUTERS	S.E. ORCUTT	JUL 74	31	E	THESIS EXCERPT SUBMT.TOIEEETRANS ● ON COMPUTERS
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	CS472 AIM254	ADA005407	STANFORD AUTOMATIC PHOTOGRAMMETRY RESEARCH	L.H. QUAM M. J. HANNAH	DEC 74	15	I	
	CS473 AIM255	ADA005412	AUTOMATIC PROGRAM VERIFICATION II: VERIFYING PROGRAMS BY ALGEBRAIC AND LOGICAL REDUCTION	N. SUZUKI	DEC 74	28	I,M,P	
	CS474 AIM256	ADA007563	A METHODOLOGY FOR VERIFYING PROGRAMS	F. W. V. HENKE D.C. LUCKHAM	JAN 75	45	I	
	CS475 AIM257	ADA005413	FORMAL SEMANTICS OF LISP WITH APPLICATIONS TO PROGRAM CORRECTNESS	M.C. NEWEY	JAN 75	184	I	THESIS
	CS476 AIM258	ADA006294	A HYPOTHETICAL DIALOGUE EXHIBITING A KNOWLEDGE BASE FOR A PROGRAM-UNDERSTANDING SYSTEM	C.C. GREEN D. BARSTOW	JAN 75	45	I,M,P	
	CS477	NOT AT NTIS	LONGEST COMMON SUBSEQUENCES OF TWO RANDOM SEQUENCES	V. CHVATAL D. SANKOFF	JAN 75	18	A,K	
	CS478	SU326P30-36	ILL-CONDITIONED EIGENSYSTEMS AND THE COMPUTATION OF THE JORDAN CANONICAL FORM	G.H. GOLUB J.H. WILKINSON	FEB 75	66	N	
	CS479	SU326P30-38	ERROR BOUNDS IN THE APPROXIMATION OF EIGENVALUES OF DIFFERENTIAL AND INTEGRAL OPERATORS.	F. CHATELIN J. LEMORDANT	FEB 75	32	N	
	CS480	A008804	NOTES ON GENERALIZED DEDEKIND SUMS	D.E. KNUTH	FEB 75	43	A,N	
	CS481	SU326P30-39	DIFFERENCE METHODS FOR THE INITIAL-BOUNDARY VALUE PROBLEM FOR HYPERBOLIC EQUATIONS	J. OLIGER	FEB 75		N	
	CS482 SLACP1549	NOT AT NTIS	AN ALGORITHM FOR FINDING BEST MATCHES IN LOGARITHMIC TIME	J.A. FRIEDMAN J.L. BENTLEY R.A. FINKEL	MAR 75	31	A	SUBMITTED TO C.A.C.M.
	CS483	ADA011835	ON PACKING SQUARES	P. ERDOS	MAR 75	8	K	

			WITH EQUAL SQUARES	R.L. GRAHAM			
	CS484	ADA011832	ON SUBGRAPH NUMBER INDEPENDENCE IN TREES	R.L. GRAHAM , SZEMEREDI	MAR 75	18	K
	CS485	ADA011834	ON MULTIPLICATIVE REPRESENTATIONS OF INTEGERS	ERDOS E. SZEMEREDI	MAR 75	18	K
	CS486	SU326P30-37	EIGENPROBLEMS FOR MATRICES ASSOCIATED WITH PERIODIC BOUNDARY CONDITIONS	BJORCK GOLUB	MAR 75	19	N
	CS 487 SLACP 1573		A VARIABLE METRIC DECISION RULE FOR NON-PARAMETRIC CLASSIFICATION.	FRIEDMAN	APR 75	34	SUBMITTED TO IEEE TRANS. ON COMPUTERS
	CS488	ADA011445	ON COMPLETE SUB-GRAPHS OF R-CHROMATIC GRAPHS	B. BOLLOBAS P. ERDOS SZEMEREDI	APR 75	16	A,K
	CS 489	ADA011833	REGULAR PARTITIONS OF GRAPHS	E. SZEMEREDI	APR 75	8	A,K
	CS 490	ADA014429	NUMERICAL EXPERIMENTS WITH THE SPECTRAL TEST.	GOSPER	MAY 75	31	
	CS 491		STORAGE TREES	G. D. KNOTT	MAY 75	93	A THESIS
	CS 492		QUICKSORT	SEDGEWICK	MAY 75	352	A THESIS
	CS 493	PB244421/AS	DESCRIBING AUTOMATA IN TERMS OF LANGUAGES ASSOCIATED WITH THEIR PERIPHERAL DEVICES	KURKI-SUONIO	MAY 75	37	M,P
	CS 494		SOURCE LANGUAGE DEBUGGING	E.H.SATTERTHWAITE,	MAY 75	345	P THESIS
	CS 495	ADA014424	THE DEPENDENCE GRAPH FOR BASES IN MATROIDS	KROGDAHL	MAY 75	29	K
	CS 496	SU326 P 30-41	AN ITERATIVE BLOCK LANCZOS METHOD FOR THE SOLUTION OF LARGE SPARSE SYMMETRIC EIGENPROBLEMS	R. UNDERWOOD	MAY 75	133	N THESIS
	CS 497	ADA016825	DISTANCE MATRICES OF TREES	GRAHAM LOVASZ	AUG 75	83	K
	CS 498 AIM 259	ADA017025	AUTOMATICALLY PROVING THE CORRECTNESS OF TRANSLATIONS INVOLVING OPTIMIZED CODE	SAMET	AUG 75	214	I THESIS

CS499 AIM 260		PYGMALION: A CREATIVE PROGRAMMING ENVIRONMENT	D.C. SMITH	AUG 75	193	I	THESIS
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CS 507 AIM 265		TOWARDS A SEMANTIC THEORY OF DYNAMIC BINDING	M. GORDON	AUG 75	25	I	
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CS 509	ADA017331	FINDING THE MAXIMAL INCIDENCE MATRIX OF A LARGE GRAPH	M [illegible] OVERTON [illegible] PROSKUROWSKI	AUG 75	72		
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	AIM109	SPINOZA II: CONCEPTUAL CASE-BASED NATURAL LANGUAGE ANALYSIS	R.C.SCHANK	JAN 70	107	L	
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	AIM111	SECOND-ORDER MATHEMATICAL THEORY OF COMPUTATION	Z.MANNA	MAR 70	25	M	ACM SYMPOSIUM ON THEORY OF COMPUTING MAY 1970
	AIM112	MACHINE-MEDIATED INTERVIEWING	F.D.HILF K.COLBY D.C.SMITH W.A.HALL	MAR 70	27	I	J ● NERV.&MENT.DISEASE 152, 178-288, 1971
	AIM113	A MUTE PATIENT'S EXPERIENCE WITH MACHINE-MEDIATED INTERVIEWING	K.COLBY F.R.HILF W.A.HALL	MAR 70	19		
	AIM114	ON THE SYNTHESIS OF FINITE-STATE ACCEPTORS	A.W.BIERMANN J.A.FELDMAN	APR 70	31	M	

AIM115	ON THE OPTIMAL DETECTION OF CURVES IN NOISY PICTURES	J GO MONTANARI	MAR 70	35	C	CACM, MAY 1971
AIM116	MIND AND BRAIN, AGAIN	K.COLBY	MAR 70	10	I	AMAM • BIOSCIENCE,VOL. 11, 45-52 , 1971
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AIM118	HEURISTICALLY GUIDED SEARCH AND CHROMOSOME MATCHING	U • MONTANARI	APR 70	29	I	□ • ARTIFICIALINTELL • VOL.1, NO.4, DEC. '70
AIM119	AN INFORMATION-PROCESSING MODEL OF INTERMEDIATE LEVEL COGNITION	J.BECKER	MAY 70	129	I	
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SLACPUBS AND REPORTS WHICH ARE ALSO STAN-CS-xx-xxx REPORTS ARE LISTED IN THE CS SECTION
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	SLACP 127	COMPUTATION AND CONTROL IN COMPLEX EXPERIMENTS	W.F.MILLER	AUG 65			
	SLACP 171	A SEVENTH-ORDER METHOD FOR THE NUMERICAL SOLUTION OF ORDINARY DIFFERENTIAL EQUATIONS	J.C.BUTCHER	FEB 66			
	SLACP 191	CHARACTERISTICS OF SMALL COMPUTER SYSTEMS FOR ON-LINE APPLICATIONS	R. M.BROWN	MAY 66			
	SLACP 208	THE SLAC HIGH-ENERGY SPECTROMETER DATA ACQUISITION AND ANALYSES SYSTEM	R.M.BROWN M.A.FISHER-KELLER A.E.GROMME	DEC 66		C	1333 PROC. 54 1730-4 (1966)
	SLACP 207	A MULTI STEP GENERALIZATION OF RUNGE-CUTTA METHODS WITH 4 OR 5 STAGES	J.C. BUTCHER	AUG 66	32		JACM, 14, (1967) 84-99
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TR 23	PB234943/AS	AN IMPROVED ALGORITHM FOR SELECTING A SET OF DIAGNOSTIC TESTS	D.P. SIEWIOREK	DEC 71	19	D	THESIS, CHAPT. 5
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