

PC-NEWS

Das offizielle Mitteilungsblatt
des

PCC-TGM

(Personal Computer Club - Technologisches Gewerbe-
Museum)

Public Domain

SOFTWARE
FOR THE IBM PC AND COMPATIBLE

financial
word processing
COMPUTER EDUCATION
DATABASES
Bulletin Board
DESKTOP
MATH
SCIENCE
COMMUNICATIONS
SPREADSHEETS
UTILITIES
artificial intelligence
BUSINESS
GRAPHICS
EDUCATIONAL
HOME and HOBBY
SPECIAL APPLICATIONS
games

Inhalt

PD allgemein	1
PD Fragen	1
PD Lieferanten	2
PD suchen	2
PD detailliert	2
TGM CLUB-DISKETTEN	2
BYTE	4
LUG Lowerbucks User Group	9
PD Sammlungen	11
TURBO-SIX (T) (TGM-94)	12
TUG TURBO User Group (TGM-94)	16
PC-SIG (S) (TGM-90,91,92)	16
PC-BLUE (B) (TGM-91,92)	24
CAPITAL-User Group (CPCUG) (TGM-94)	30
Ecosoft englisch (X) (TGM-93)	30
Ecosoft deutsch (E) (TGM-93)	31
C Users Group (C)	32
BYTE (BYTE)	32
Lowerbucks User Group (LUG)	32
c't (CT)	32
DOS-Databox (DOSD)	32
Pascal-Databox (PASD)	32
German PD (GER)	32
TGM (TGM)	32
PD und ro-ro-ro	33
PD geordnet	34
PD Top 100	36
PC-Software für Chemiker	36
1. GRAPHIK (Formelzeichen)	36
2. 3D-GRAPHIK / MOLECULAR MODELLING	
3. CHEMIKALIENVERWALTUNG	37
4. DATENBANKEN MIT UNTERSTÜTZUNG CHEMISCHER STRUKTUREN	37
5. LEHR- und LERNPROGRAMME	38
6. LITERATURERSCHLIESSUNG	38
7. LITERATURVERWALTUNG	38
8. SPEKTRENANALYSE	39
9. MESSDATENERFASSUNG und -VERARBEITUNG	
10. STÖCHIOMETRIE	40
11. TEXTVERARBEITUNG	40
12. THEORETISCHE CHEMIE	40
13. TELEKOMMUNIKATION	40
14. BEZUGSQUELLEN	40
15. WEITERFÜHRENDE LITERATUR	
16. 1.Ergänzung	41

Näheres zu dieser Zeitschrift:

Bezugsbedingungen: Einzelheft öS 50,-, für Mitglieder des PCC-TGM im Mitgliedsbeitrag enthalten.

Auflage dieser Ausgabe: 1150 Stück.

Impressum: Medieninhaber: PCC-TGM (Personal-Computer-Club-TGM), Wexstraße 21, Postfach 59, 1202 Wien.

Anrufbeantworter: (0222)/35 23 983 (Herr GINTHÖR): Mo,Fr: 9.00-12.00h

Mailbox: (0222)/35 23 982 (8-N-1)

BTX: 912213028

TELEBOX: RA2 FIALA.

Grundlegende Richtung: Auf Anwendungen im Unterricht bezogene Informationen über Personal-Computer-Systeme. Berichte über Veranstaltungen des Vereins. Beratung der Vereinsmitglieder gemäß den Statuten des PCC-TGM.

Layout und Satz: Walter Riemer, Rosengasse 9, 2102 Bisamberg sowie Franz Fiala, Siccardsburggasse 4/22, 1100 Wien

Druck: CA (Creditanstalt Bankverein), Wallensteinplatz, 1200 Wien

Erscheinungsort: Wien

Redaktion und für den Inhalt verantwortlich: Franz Fiala, Siccardsburggasse 4/1/22, 1100 Wien.

In der 'Sommerausgabe' der PC-NEWS finden Sie Beiträge über Public Domain, sowie einen Beitrag über Software für Chemiker. Wir ersuchen unsere Mitglieder dringend, uns Beiträge jeder Art zu schicken, da die Redaktion sonst nicht mehr in der Lage ist, die PC-NEWS in diesem Rhythmus zusammenzustellen.

PD allgemein

Die folgende Begriffsbestimmung ist eine Übersetzung aus dem Deckblatt der Zeitschrift 'PC-SIG-Software':

Unter Public Domain (PD) werden hier alle Programme verstanden, die unter den Begriffen 'Shareware', 'User-Supported' und 'Public Domain' verteilt werden. Jeder dieser Verteilungsprinzipien ist Bestandteil einer Marketingstrategie. Jeder diese Begriffe hat seine eigene Bedeutung, wenn auch 'Shareware' und 'User-Supported' einander sehr nahe stehen.

Es ist zu unterscheiden von urheberrechtlich geschützten Werken wie Büchern, Filmen, Musik und Software. Bei diesen Werken ist die Anfertigung von Kopien durch gesetzliche Vorschriften geregelt. 'Public Domain'-Software unterliegt dagegen keinem Urnehberschutz. 'Public Domain'-Software stammt von Autoren, die keine weiteren Rechte auf der Benutzung ihrer Programme ableiten wollen und die auch nicht in Gewinnabsicht diese geschrieben haben. Jeder kann diese Produkte (mit wenigen, vom Autor genannten Einschränkungen) benutzen.

'Shareware' und 'User-Supported' sind da etwas anders. Einige Programme sind durch einen Copyright-Vermerk geschützt, andere wieder nicht. Es laufen aber alle Verfahren darauf hinaus, daß man die Software direkt beim Autor kauft. Man kann die Software ausprobieren, Sie kommt genauso, wie 'Public Domain' über Verteilerfirmen, sehr preiswert ins Haus. Wenn man nach der Probe die Absicht hat, das Programm weiterhin zu benutzen, wird man in einem Vermerk auf der Disketten, meistens unübersehbar, dazu aufgefordert eine Gebühr an den Autor zu entrichten. Da bei diesem Vertriebsweg aufwendiges Marketing zur Gänze entfällt, kommt man so preiswert zu oft erstaunlich guten Softwareprodukten. Die Gebühr, die von den

Autoren verlangt wird, ist nicht hoch, und das vollständige Handbuch allein ist es wert, die Gebühr zu bezahlen. Manche der so vertriebenen 'User-Supported'-Programme enthalten nicht die volle Programmversion aber doch eine zum Arbeiten ausreichend geeignete.

Das Vertriebsnetz ist keineswegs nur auf die Verteilerfirmen beschränkt, man wird eingeladen, das Programm auch Freunden und Bekannten weiterzugeben.

Im allgemeinen umfaßt der Kauf des Programms auch eine Unterstützung durch den Autor selbst.

Die Güte der Programme reicht von einfachen aber nützlichen Dienstprogrammen, Spielen, bis hin zu kompletten Programmsystemen für Textverarbeitung, Kalkulation und Datenbanken.

Sehr viele der Programme liegen im Source-Code vor, und können somit leicht den eigenen Bedürfnissen angepaßt werden.

Praktisch jedes Programm wird von einer ausreichenden Dokumentationsdatei begleitet, sodaß auch Kosten für Handbuchkopien entfallen.

Einige der Programme gehören eigentlich zum Grundbestandteil jedes Anwenders der IBM-PC oder kompatiblen Rechners, auf die man unter keinen Umständen verzichten sollte!

Eine Anmerkung noch zu ganz puritanischen 'Public Domain'-Programmen: Bei der 'strengsten' Form der 'Public Domain' verbietet der Autor die Verteilung des Programms durch jede profitorientierte Organisation, interessanterweise auch dir durch Clubs. Man kann diese Programme, die oft sehr gute Qualität haben, nur über wirklich private Mailboxen downloaden.

PD Fragen

F: Auf welchen Computern sind die Programme lauffähig?

A: Die meisten der Programme wurden für den IBM-PC geschrieben. Falls sie auf Ihrem Rechner IBM PC-DOS verwenden können, dürfte der Computer ausreichend kompatibel sein. Nahezu alle heute angebotenen Geräte entsprechen einem ausreichenden Kompatibilitätsniveau, so daß es in

dieser Hinsicht keine Probleme geben dürfte. Bei reinen MS-DOS Rechnern, die sich auch hardwaremäßig vom IBM-PC unterscheiden kann es sein, daß nur die Programme laufen, die nicht direkt auf den Bildschirmspeicher zugreifen, und keine Grafik verwenden. BASIC Programme werden meist auf Ihrem System lauffähig sein, wenn Sie über einen GW-BASIC Interpreter verfügen. Aus verständlichen Gründen wurden die Programme nicht auf jedem der dem Markt befindlichen Geräte getestet. Die Programme dürften auch auf den neuen IBM Rechnern System/2 laufen.

Als ausreichend kompatibel gelten, ohne Gewähr und Anspruch auf Vollständigkeit folgende Computer:

COMPAQ, SCHNEIDER PC 1512, OLIVETTI M24/M21, KAYPRO PC, COMMODORE PC10/20, ERICSSON, TOSHIBA LAPTOPS, PANASONIC, ZENITH, VIKTOR VPC, OSBORNE PC, NCR, TANDON, DIVERSE TAIWAN PRODUKTE (MULTITECH, PLANTRON, usw.).

F: Laufen die BASIC Programme auf dem Schneider PC1512 ?

A: Im Prinzip ja, jedoch ist für viele Programme ein GW-BASIC Interpreter nötig. Ein Tip: viele GW-BASIC Interpreter anderer Rechner laufen völlig problemlos auf dem Schneider PC 1512.

F: Wie kann ich die Programme starten?

A: Programme, die als "Anhängsel" .BAS tragen, müssen von BASIC aus gestartet werden. Programs mit dem Anhängsel ".EXE" oder ".COM" können, nach dem DOS Bereitschaftszeichen einfach durch Eingabe ihres Namens gestartet werden (ohne Anhängsel). Viele Programme verfügen über Dokumentationen, die in Dateien mit dem Anhängsel ".DOC" gespeichert sind. Diese Dateien sollten vor dem Starten der Programme entweder ausgedruckt oder auf dem Bildschirm aufgelistet werden.

F: Wieviel Speicherplatz benötigen die Programme?

A: Falls Sie zumindest über 256 KB freien Speicher verfügen, dürften Sie keine Probleme haben. Einige Programme brauchen jedoch mehr Speicherplatz.

F: Wieviel Programme umfaßt die PD?

A: ein PCCTGM sind zur Zeit ca. 1800 Disketten bekannt, die auf mehrere Sammlungen aufgeteilt sind. Die größte Sammlung, die der PC-SIG umfaßt etwa 1000 Disketten. Die Zahl der Programme pro Diskette schwankt von etwa 1 bis 40.

PD Lieferanten

Der Club hat nur einige Disketten der großen PD-Sammlungen, da wegen des geringen Preises der Disketten eine Lagerhaltung für den Club zu kostenaufwendig ist.

Wenn Sie ein Programm kaufen, stellen Sie doch dem Club eine Kopie davon zur Verfügung. Wir können die Programme für Unterrichtszwecke verwenden.

Die großen Sammlungen PC-SIG und PC-BLUE werden wahrscheinlich bei allen Händlern vorrätig sein. Die kleineren Sammlungen, insbesondere die der deutschen Zeitschriften, müssen im Einzelfall erfragt werden.

Wenn Sie weitere PD-Sammlungen kennen, bitten wir Sie, uns diese Verzeichnisse zukommen zu lassen, damit wir sie in den PC-NEWS abdrucken können.

Die nachfolgenden Firmen vertreiben PD-Disketten.

Video-As, Am Spitz 1, 1210 Wien,
(0222) 3031 26

COPI, Nagelschmiedgasse 6, 8600
Bruck/Mur, (038 62) 56 1 92

PUBLIC-DOMAIN-SERVICE, Alpenstrasse 7, D-8019 Anthol-
ling/Baiern, (06) (089) 3088048

Computer Solutions GmbH, SHA-
REWARE Division, Hansa-
straße 15, D-8000 München 21,
(06) (089) 3088048

COMPUTER SOLUTIONS GMBH,
FREESOFT DIVISION,
BELGRADSTR. 9, D-8000
MUENCHEN 40, (06) (089) 30
88 048

Ecosoft, Kaiserstraße 21, D-7890
Waldshut-Tiengen, (06) (07751) 79 20

PD suchen

Um das Suchen unter hunderten Diskettentiteln etwas abzukürzen, finden Sie unter 'PD geordnet' eine Aufstellung, geordnet nach Sachgebieten.

Haben Sie Ihre gewünschte Softwaregruppe gefunden, können Sie aus den angegebenen Nummern die für Sie relevanten herausuchen, indem Sie die Beschreibungen auf den Verzeichnisdisketten (TGM90-94) lesen.

Der Bereich UTILITIES ist so umfangreich, daß man besser gleich nach dem Taschenbuch (siehe in 'PD und ro-ro-ro') greift und die Wichtigsten mit einer guten Beschreibung studiert.

PD detailliert

In unserer heutigen Ausgabe sind ausschließlich Public-Domain (PD)-Verzeichnisse enthalten. Die Verzeichnisse sind so umfangreich, daß wir in unserer Zeitschrift nur eine Übersicht geben können. Die detaillierten Verzeichnisse finden Sie auf eigenen Verzeichnisdisketten, die Sie bei Bedarf ausdrucken können um Näheres über die Programme zu erfahren.

Für die Sammlungen PC-SIG, PC-BLUE, CPCUG, TURBOSIX, CAPITAL und TUBO UG gibt es detaillierte Verzeichnisse auf den TGM-Disketten TGM-90 - TGM-94.

Für die Sammlungen LUG, BYTE gibt es keine solchen Verzeichnis-Disketten. Daher haben wir die Inhalte der uns bekannten Disketten etwas genauer dargestellt. Daneben führen wir die TGM-Diskettensammlung weiter, sie ist ebenfalls hier angeführt.

TGM CLUB-DISKETTEN

In unserer heutigen Ausgabe finden Sie neue Clubdisketten. Alle Disketten stammen aus dem Public-Domain-Bereich, dem Thema unserer Ausgabe.

TGM-80: Binkley 1(4)

Dieses Programmpaket erlaubt es dem eigenen PC, gemeinsam mit einem Wahlmodem, selbständig mit einer Mailbox Kontakt aufzunehmen. Die Initiative kann dabei sowohl von der Mailbox, als auch vom Programm Binkley ausgehen. Der Anlaß für eine solche Kontaktaufnahme ist im allgemeinen der Wunsch, die wohlbekannte Inkosequenz bei der Benützung von Mailboxen zu reduzieren: Eine Mailbox ist nur dann wirkungsvoll, wenn mit einem Minimum an Disziplin regelmäßig in der Box nachgeschaut

wird, ob Nachrichten vorhanden sind. Wird darauf vergessen, dann vergessen auch die Partner bald, daß man per Mailbox erreichbar ist.

Wenn die Initiative vom Programm Binkley, im eigenen PC, ausgeht, dann werden die Telefonate zu bestimmten Zeiten ausgelöst, die das Programm durch Vergleich mit der eingebauten Uhrzeit des PC bestimmt. Im allgemeinen eignen sich dazu vor allem die Nachtsstunden. Um Stromkosten zu sparen, sollte man den Rechner während der Nachtstunden durch eine Zeitschaltuhr ein- und auch wieder ausschalten lassen. Waren Nachrichten in der Mailbox vorhanden, dann werden sie in ein definiertes Unterinhaltsverzeichnis übertragen. Die Übertragung geht außergewöhnlich rasch vor sich, da keine menschlich bedingten Wartezeiten auftreten und dadurch auch keine allzuhohen Kosten auftreten.

Noch geringer sind die Kosten, wenn die Mailbox anruft, denn diese ruft nur an, wenn wirklich Nachrichten vorhanden sind. Dann kann man sich wünschen, ob sofort nach dem Einlangen der Nachrichten oder zu einer bestimmten Tageszeit zurückgerufen wird.

Voraussetzung für das richtige Funktionieren der Automatik ist, neben einem gewissen Installationsaufwand, daß dem nächsten FIDO-Rechner, hier dem TGM-Rechner die eigene Rufnummer bekanntgegeben wird. Bei Interesse an einer solchen Automatik rufen Sie bitte unseren Sysop, Werner Illsinger über die Mailbox oder über (0222)-604 92 48, abends).

MODELIST K2	39167	26.02.88	13.26
MODELIST SYS	59940	26.02.88	13.23
OMM BAT	103	26.02.88	14.07
OMMM CTL	175	26.02.88	15.21
OMMM EXE	35697	24.10.87	18.56
OPUSNODE EXE	26628	12.07.87	16.26
OPUS CTL EXE	21549	4.07.87	13.00
PURGENL EXE	9181	19.12.87	13.13
README	505	7.06.88	9.58
README BAK	431	7.06.88	9.55
XLATLIST CTL	4373	26.02.88	13.03
XLATLIST EXE	29655	29.05.87	16.47

TGM-81: Binkley 2(4)

MODELIST 050	216510	19.02.88	8.00
MODELIST BBS	29558	26.02.88	13.23
MODELIST DAT	58170	26.02.88	13.27
MODELIST IDX	2220	26.02.88	13.23
MODELIST K1	15552	26.02.88	13.27

TGM-82: Binkley 3(4)

DUTCHED EXE	155184	1.05.87	0.00
DUTCHED TLT	1705	1.05.87	0.00
DUTCHIE ARE	34	26.02.88	13.55
DUTCHIE CFG	514	26.02.88	15.07
DUTCHIE NAM	37051	26.02.88	13.23

MAIL	SYS	174	26.02.88	11.42
NL	BAT	1733	26.02.88	13.19

TGM-83: Binkley 4(4)

BBS	CTL	24	26.02.88	14.07
BBS	PRM	488	26.02.88	14.07
BINKLEY	CFG	3948	13.04.88	16.10
BINKLEY	DOC	151519	14.01.88	11.30
BINKLEY	PRM	506	26.02.88	11.42
BINKLEY	SCD	256	13.04.88	15.37
BT	EXE	97085	15.01.88	9.14
BTCTL	EXE	14927	15.01.88	9.15
DUTCHCOM	COM	22123	1.05.87	0.00
DUTCHCOM	DOC	9088	26.10.87	10.24
DUTCHED	DOC	20480	26.10.87	10.49

TGM-84: Literatursuchdienst-Übungsdiskette

Um zu vermeiden, daß gerade in der Lernphase - für ein über eine Mailbox zu bedienendes Programm - übermäßig Telefongebühren verbraucht werden, wurde hier für den Literatursuchdienst der TGM-Mailbox eine Übungsdiskette für den Off-line-Betrieb zusammengestellt. Es können alle Bedienungshandgriffe an Hand einer Demo-Datenbank geübt werden, bevor das entsprechende Kommando der Mailbox im Ernstfall aufgerufen wird.

EDITERR	MSG	1786	21.11.85	0.08
LSD	<DIR>		4.11.87	8.56
SF	BAT	128	29.10.87	8.43
SFO	BAT	0	19.07.88	2.50
SF1	BAT	128	31.10.87	20.58
SFED	COM	55869	1.11.87	21.22
SFINST	EXE	16384	28.10.87	9.39
SFMAILB	DOX	11276	1.11.87	11.17
SFMAIN	EXE	42496	30.01.86	17.19
SFMENY	EXE	37376	1.11.87	20.36
SFNEW	EXE	18432	28.10.87	9.29
SFORIG	<DIR>		1.11.87	15.17
SFSYS	COM	1280	19.07.88	2.50
SFTERM	DAT	4736	28.10.87	9.40
SFTERM	EXE	18432	28.10.87	9.31
SFUPD	EXE	46080	28.10.87	9.37
STOPWORD	SFO	804	1.11.87	20.09

TGM-84-1\SFORIG

SFMAIN	EXE	42496	28.10.87	9.22
SFMENY	EXE	37376	28.10.87	9.27

TGM-84-1\LSD

ACCESS	SFO	512	4.11.87	9.20
DOC	SFO	6144	4.11.87	9.19
INV	SFO	5632	4.11.87	9.18
STOPWORD	SFO	804	1.11.87	20.09
TERM	SFO	1280	4.11.87	9.18

TGM-85: Dokumentation des FIDO-Mailboxsystems

FIDODOC	ARC	312483	2.09.87	11.49
1.HLP		409	1 Sep 84	
2.HLP		205	1 Sep 84	
3.HLP		204	1 Sep 84	
4.HLP		232	1 Sep 84	
6.HLP		91	1 Sep 84	
8.HLP		306	1 Sep 84	
AUTOEXE1.BAT		384	4 Jan 80	
AUTOEXEC.BAT		512	4 Jan 80	
BAUD.DOC		385	13 Oct 86	
BULLETIN.BBS		256	3 Aug 85	
C.HLP		512	3 Aug 85	
CLOCKFIX.DOC		1024	11 Oct 85	
CLOCKFIX.SYS		384	11 Oct 85	

DAYNBR.DOC	6808	27 Oct 85
DIR.BBS	128	3 Aug 85
DNLDL.BBS	512	3 Aug 85
ECHOMAIL.DOC	37449	16 May 86
EDITNL.DOC	5934	12 Mar 86
EDITORIAL.BBS	128	3 Aug 85
ENTERCMD.HLP	512	3 Aug 85
EVENT.DOC	6696	19 Nov 85
FD.DOC	8636	13 Oct 86
FIDO.BAT	403	4 Oct 86
FIDO.DEU	14848	1 Jan 80
FIDO.SCR	640	21 Aug 86
FIDO.TXT	442	1 Oct 86
FIDOHIST.2	12825	30 Dec 85
FIDOHIST.TXT	19712	3 Aug 85
FIDOHIST.DOC	2349	3 Aug 86
FIDOMD.BBS	19	1 Sep 87
FIDOMLNK.DOC	3072	4 Jan 80
FIDONET.DOC	64729	10 Sep 85
FIDOUTIL.LST	18816	13 Feb 86
FILELIST.CTL	596	21 Nov 85
FILELIST.DOC	21272	17 Nov 85
FILES.BBS	880	13 Oct 86
FILES.HLP	512	3 Aug 85
INSTALL.DOC	70772	10 Sep 85
INTRO.DOC	14220	10 Sep 85
KERMITHS.HLP	7806	1 Oct 83
LASTUSER.BBS	180	2 Sep 87
LGV2.DOC.DOC	1152	8 Sep 85
MAIL.HLP	640	3 Aug 85
MAIL.SYS	174	1 Sep 87
MAIN.HLP	512	3 Aug 85
MESSWAIT.DOC	7609	2 May 86
MOUERY.HLP	640	3 Aug 85
MSG.HLP	512	3 Aug 85
NEWUSER1.BBS	128	3 Aug 85
NEWUSER1.SIK	128	3 Aug 85
NEWUSER2.BBS	128	3 Aug 85
NODES.HLP	449	23 May 85
NOPWD.BBS	256	3 Aug 85
OPERATE.DOC	62073	10 Sep 85
OUT.200	6661	17 Jul 87
OUTSIDE.127	32	9 Mar 86
OUTSIDE.DOC	30491	7 Mar 86
OUTSIDE.HLP	1479	1 Mar 86
OUTSIDE.LOG	373	1 Aug 87
OUTSIDE.SRV	6481	17 Jul 87
OUTSIDE.WEL	246	6 Feb 86
PC-SIG.TXT	2527	14 Jun 87
POLICY1.DOC	34048	5 Jul 86
PRGUSERS.DOC	3572	3 Aug 85
QUOTES.BBS	21632	3 Aug 85
QUOTES.SIK	21632	3 Aug 85
READ.ME	2267	28 Apr 86
READ.ME!	246	7 Mar 86
README.NOW	991	21 Nov 85
RENUM.DOC	1161	28 Aug 85
ROBOT.DOC	9008	25 Oct 85
ROBOT.DOG	1597	27 Sep 85
ROVERMSG.DOC	14708	3 Dec 85
RSYSOP.DOC	11869	17 Jul 85
RUNBBS.BAT	4082	13 Oct 86
RUNBBS.DOC	455	13 Oct 86
RUNBBS.HLP	5760	19 Sep 86
RUNBBS1.HLP	5634	24 Aug 86
RUNFIDOR.BAT	256	2 Aug 85
SAMPLE.BAT	373	27 Oct 85
SCHED.BBS	1190	7 Aug 87
SERVR111.DOC	5814	9 Mar 86
SHUFFLE.DOC	12435	17 Nov 85
SHUFFLE.HLP	1116	28 Oct 85
SYSOP.HLP	2688	3 Aug 85
SYSOP.LOG	622	2 Sep 87
SYSREPT.CTL	704	8 Feb 86
SYSREPT.DOC	23132	28 Apr 86
SYSTEM.BBS	256	3 Aug 85
SYSTEM1.BBS	212	2 Sep 87
TESTLIST.DOC	3663	22 Sep 85
TIMELOG.BBS	378	2 Sep 87
TWIX.DOC	1076	6 Jan 86
UPDATE.BAT	1260	27 Oct 85
UPLOG.DOC	1536	15 Jul 85
USER.BBS	256	3 Aug 85
VERSFIX.TXT	1220	24 Nov 85
WATCHDG1.ASM	2560	2 Aug 85
WATCHDG2.ASM	2816	2 Aug 85
WATCHDOG.ASM	2304	2 Aug 85
WELCOME1.BBS	384	3 Aug 85
WELCOME2.BBS	128	3 Aug 85
XFERTYPE.HLP	640	3 Aug 85

TGM-87: RW-File, Dateiprogramm

RW-File ist nach dem SHAREWARE-Konzept entwickelt worden und ist als Public Domain frei kopierbar. Bitte machen Sie Gebrauch davon und geben Sie dieses Programm weiter. Sollte Ihnen das Programm gefallen, wird um Überweisung eines Kostenbeitrages von DM 25 auf das u.g. Konto gebeten, um künftige Weiterentwicklungen zu ermöglichen. Eine ausführliche, gedruckte Anleitung in deutsch ist mit zahlreichen fertigen, dokumentierten Anwendungen für DM 50 bei u.g. Anschrift erhältlich. Vor erster Benutzung bitte die Anleitung lesen. (C) 1987 Rolf Wachtmann Computer-Service, Postfach 3021, 4900 Herford Postgirokonto Hannover BLZ 250 100 30 Konto 5227-66 308.

Das Programm RW-FILE ist ein Dateiprogramm, mit dem beliebige Daten verwaltet werden können. Es wurde bei der Entwicklung besonderer Wert auf eine möglichst einfache und schnelle Bedienung gelegt. Dabei sollte jedoch die Leistungsfähigkeit und die Anpassungsmöglichkeit an individuelle Bedürfnisse nicht vernachlässigt werden. Gerade die Anpassung an eigene Anforderungen in Bezug auf eine optisch ansprechende Bedieneroberfläche wurden besonders berücksichtigt. Daher bietet RW-FILE eine beliebige Maskendarstellung zur Darstellung und Eingabe der Daten, Listenformen können frei definiert werden und gleichzeitig ist die Zahl der Programm-Funktionen auf das wesentliche beschränkt. Die Bedienbarkeit des Programms ist durchaus auch für 'Anfänger' geeignet.

Hier einige der wichtigsten Daten :

- 20.000 Datensätze je Datei
- beliebige Anzahl der Datenfelder
- beliebige Anzahl von verschiedenen Ausgabelisten
- Text-Editor integriert mit Mail-Merge-Funktion
- Sortierung nach beliebigen Datenfeldern
- Selektion nach beliebigen Datenfeldern
- Mehrfach-Selektionen nach allen Datenfeldern
- Textsuche nach beliebigen Texten
- Masken- u. Listen-Generator integriert
- eingebaute Hilfefunktion
- Programm-Steuerung über Maus möglich
- 3 fertige Anwendungen sind beige-fügt:

1. Adressen-/Kunden-Verwaltung mit einigen Beispielen für Serienbriefe und Etiketten-Druck

2. einfache Kassenbuchverwaltung mit automatischer Umsatzsteuerberechnung und Ausdruck des Kassenbuches

3. Video-Archiv zur Verwaltung Ihrer privaten Videoaufnahmen

CONFIG	SYS	42	25.09.23	14.30
HANDBUCH	TXF	21249	5.02.88	9.26
KASSE	DBF	1714	2.01.88	19.01
KASSE	LBE	281	2.01.88	15.40
KD1	BRF	742	22.01.87	19.38
KD11	BRF	32	2.01.88	17.24
KD2	BRF	730	2.01.88	17.19
KUNDEN	DAT	476	22.01.87	19.49
KUNDEN	DBF	1525	2.01.88	19.02
KUNDEN	IND	8	22.01.87	19.49
KUNDEN	LBF	166	2.01.88	16.21
KUNDEN	LTE	93	2.01.88	17.28
KUNDEN	SOR	0	22.01.87	19.46
RWFILE	DRF	78	3.06.88	14.59
RWFILE	EXE	171048	2.01.88	18.58
RWFILE	HLF	43800	27.12.87	14.24
RWFILE	MSG	3792	25.12.87	13.54
RWFMAUS	DEF	1064	2.01.88	14.45
VIDEO	DBF	1609	26.12.87	12.44
VIDEO	LK1	83	26.12.87	12.45
VIDEO	LK2	142	26.12.87	12.45
VIDEO	LK3	123	26.12.87	12.46

TGM-88: STN-Overview

Das Lernprogramm STN-Overview wurde uns von unserem Mitglied, Hn. Dr. Jordis zur Verfügung gestellt und darf für Zwecke der persönlichen Information kopiert werden aber nicht für die gewerbliche Nutzung. Es erlaubt, ähnlich wie das Lernprogramm zum Literatursuchdienst zur TGM-Mailbox, ein off-line-Lernen eines aufwendigen Datenbankzugriffsprogramms, hier der Suchsprache "MESSENGER". Interessenten wenden sich für weitere Auskünfte an Herrn Dr. Jordis persönlich.

INSTALL	EXE	34261	3.11.87	14.17
LESSON	NAM	32	23.04.87	11.03
MENTOR	EXE	37395	3.11.87	14.16
OVERVIEW	EXE	18781	3.11.87	14.16
OVERVIEW	LST	160	24.04.87	12.58
OVERVIEW	REF	33525	20.05.87	11.00
OVERVIEW	TXF	161694	20.05.87	11.00
PRESENTS	EXE	60320	3.12.86	17.43
STNCOPY	BAT	25	23.04.87	11.03

TGM-89: Calendar Maker

Das Programm Calendar-Maker erlaubt die Erzeugung und Verwaltung universeller persönlicher Terminkalender mit vielseitigen Ausdruckmöglichkeiten.

AUTOEXEC	BAT	10	18.02.86	10.00
CALENDAR	EXE	48640	6.06.86	14.51
CALENDAR	HLP	9735	15.04.86	13.36
CALENDAR	INS	31419	16.04.86	12.46
CALENDAR	OV	41697	22.04.86	14.42
CALENDAR	PRN	35049	16.04.86	12.45
INSTALL	BAT	20	17.01.85	11.55
INSTALL	PGM	112	18.02.86	10.57
INSTALL	SMF	7680	6.08.85	1.48
INSTALL	SMP	5240	6.08.85	10.12

INSTALL1	EXE	54786	25.06.85	5.42
INSTALL2	BAT	512	11.12.86	9.03
POWERUP	BAT	10	18.02.86	10.00
CALEND	000	66	23.01.87	20.18
CALEND	001	1093	22.04.86	15.05
CALEND	002	568	22.04.86	15.05
CALEND	003	110	27.01.87	16.01

TGM-90: PD 1: S1-500

TGM-91: PD 2: S501-700, B1-400

TGM-92: PD 3: S701-1000, B400-440

TGM-93: PD 4: E1-119, X1-153

TGM-94: PD 5: CAPITAL, TURBOSIX, TURBO-UG

TGM-95: PC-NEWS 3/88, lfd.Nr.11-Texte

BYTE

BYTE 86/5 Mass Storage

Programming Project: "Data Compression with Huffman Coding," Jonathan Amsterdam, page 98. HUFFMAN.BIX, HUFREAD.ME

Programming Insight: "Subroutine Overlays in GW-BASIC," Mike Carmichael, page 151. MAINPROG.BAS, ROUTINE.SUB

"The Application Interface of Optical Drives," by Jeffery R. Dulude, page 193. OPTICDB.C

Mathematical Recreations: "The Pellian Equation," Robert T. Kurosaka, page 379. PELL.BAS

Best of BIX, page 398. These are the Amiga programs discussed in May. DGVIEW.LQR, CIRCUIT.PIC, MOON.PIC, VEGIE.PIC, LAR, SQ, USQ

CATALOG	O14	495	1.01.80	2.15
CIRCUIT	PIC	30720	21.04.86	9.32
DGVIEW	LQR	126592	21.04.86	9.13
HUFFMAN	BIX	25142	1.01.80	2.33
HUFREAD	ME	495	1.01.80	2.40
LAR		25344	21.04.86	16.06
MAINPROG	BAS	7715	13.01.86	11.08
MOON	PIC	28160	21.04.86	9.54

OPTICDB	C	9420	24.04.86	16.15
PELL	BAS	2135	1.01.80	0.48
ROUTINE	SUB	814	13.01.86	11.09
SQ		22016	21.04.86	16.10
USQ		18432	21.04.86	16.12
VEGIE	PIC	29568	21.04.86	10.08

BYTE 86/6,8,9

BYTE686	<DIR>	19.07.88	4.21
BYTE886	<DIR>	27.04.87	0.53
BYTE986	<DIR>	27.04.87	0.54

\BYTE686 Computers and Music

Programming Project: "A Simple File-Indexing System" Bruce Webster, page 92. INDEXBPP.LST, IN-DEXBPP.PAS

"Sorting ProDOS Directories," by Antonio C. Silvestri, page 117. LIST1.TXT, LIST2.TXT

Programming Insight: "Hilbert Curves Made Simple" Michael Ackerman, page 137. HILBERT.BAS

"Musical Fractals," Charles Dodge and Curtis R. Bahn, page 185. All the programs mentioned in the article in one text file. FRACTAL.LIB: All the programs mentioned in the article in one text file.

"MIDI Programming" by Donald Swearingen, page 211. All the programs from the article in one text file.

CATALOG	686	1536	5.06.86	15.42
FILES	BBS	24128	1.01.80	0.07
FRACTAL	LIB	6851	1.01.80	2.26
HILBERT	BAS	1024	9.05.86	10.55
INDEXBPP	LST	10496	7.02.86	7.52
INDEXBPP	PAS	15616	7.02.86	7.52
KOPF		384	7.05.86	17.52
LIST1	TXF	3703	9.10.85	9.44
LIST2	TXF	946	9.10.85	9.46
MENUE		512	5.06.86	16.00
MIDI	LIB	16227	1.01.80	2.31
SYSOPS	HI	13822	1.01.80	4.25

\BYTE886 Object-oriented Languages

The following programs complement articles that originally appeared in BYTE magazine. These programs are not intended for commercial use. This catalog follows the form month/year, article name, author, page number, program listings, and program size.

"Similarity Mapping," by Rob Spencer, page 82.

MAPPER.LIB Text file. All the programs from the article. Unpack with your word processor.

Programming Insight: "Polar Normal Distribution," by Alain Latour, page 131. DENSITY.SRC, NORMAL.SRC

"Object-Oriented FORTH," by Dick Pountain, page 227. TYPES.DOC, READFORT.ME

"MacApp: An Application Framework," by Kurt J. Schmucker, page 189. MACAPP.USE

"Let's C and CSD," by William Wong, page 267. LETS.SRC

"Reflex," by Rusel DeMaria, page 277. GCOLOR.COM

Mathematical Recreations: "Number Games," by Robert T. Kurosaka, page 333. MATHREC.LIB Text file. All the programs from the article. Unpack with you word procesor.

CATALOG	886	1078	13.08.86	16.26
DENSITY	SRC	739	1.01.80	0.10
GCOLOR	COM	256	1.01.80	2.57
LETS	SRC	6153	1.01.80	0.35
MACAPP	USE	7454	1.01.80	0.21
MAPPER	LIB	9296	29.07.86	10.40
MATHREC	LIB	9280	1.01.80	4.37
NORMAL	SRC	1178	1.01.80	0.08
READFORT	ME	1820	1.01.80	2.29
TYPES	DOC	11065	1.01.80	2.16

\BYTE986 The 68000 Family

Programming Project: "Calculating CRCs by Bits and Bytes," by Greg Morse. Page 114. CCITT.C, XMODEM.C, SDLC.ASM, XMODEM.ASM

Programming Insight: "Breaking Out," by Edward Batutis. Page 127. BREAKPT.ASM, BRKPTCOM.BAS.

"Keyed File Access in BASIC," by Stephen C. Perry. Page 137. SKAM.BAS, SKAM1.BAS

"Atari ST Software Development," by Michael Rothman. Page 223. EXPS.ST1

"Turbo Prolog," by Namir Clement Shammas. Page 293. TBPROLOG.TST

BREAKPT	ASM	2304	21.04.86	11.42
BRKPTCOM	BAS	1536	21.04.86	11.43
CATALOG	986	572	1.01.80	0.19
CCITT	C	1280	30.04.86	9.47
EXPS	ST1	16718	1.01.80	0.33
FILES	BBS	593	1.01.80	0.09
SDLC	ASM	4480	30.04.86	9.50
SKAM	BAS	8506	19.09.85	14.05
SKAM1	BAS	8765	1.01.80	1.04
SYNOPS	HI	323	1.01.80	0.16
TBPROLOG	TST	7296	4.06.86	0.02
XMODEM	ASM	3456	30.04.86	9.53
XMODEM	C	1664	30.04.86	10.29

BYTE 86/7A Engineer's Tool-box

Programming Project: "Build a Spreadsheet Program," by Jonathan Amsterdam, page 96. SPREAD1.LIB Half of the files. For ASCII transfers. SPREAD2.LIB The remainder of the files. For ASCII transfers..

Programming Insight: "Anagram Solving in Pascal," Bob Keefer, page 113. ANAGRAM.PAS, SETPROB.PAS

"Engineering on a Micro," by Chris Pedicini, page 145. TRUSS2.BAS

"Analog Circuit Analysis," by David McNeill, page 170. For Commodore 64. AC.PRG, DC.PRG, P.PRG, MAL6.PRG, TEST.SEQ, TESTDC.SEQ

"An 8031 In-Circuit Emulator," by George Dinwiddie, page 181. UGH-BUG.ASM

"Structural Analysis," by Robert W. Johnson and Fernando G. Loygorri, page 199. STRUCT1.LIB For ASCII transfers. First of four files. STRUCT2.LIB For ASCII transfers. Second of four files. SAFE2D.LIB Third of four files. This is a binary file. BROCHURE.DOC For ASCII transfers. Fourth of four files.

"Stress Analysis," by D. Lee Petersen and Steven L. Crouch, page 219. PCRAK.BAS

"A Material Selection program," by Brother Tom Sawyer and Michael Pecht, page 235. SELECT.LIB The main files. For ASCII transfers. FINAMES.DTA Optional data file. This is a binary file. METALSAT.DTA Optional data file. This is a binary file. METALSIM.DTA Optional data file. This is a binary file.

"BYSO LISP and Waltz LISP," by William Wong, page 293. LISPTEST.DOC

"Small-Scale Engineering Applications," by J. Neil Stone, page 253. STONEIBM.LIB In BASICA. In text format for ASCII transfers. STONEBAS.LIB In BASIC. In text format for ASCII transfers.

AC	PRG	4532	1.01.80	0.01
CATALOG	786	1916	13.08.86	16.20
DC	PRG	4458	1.01.80	0.01
FINAMES	DTA	29	12.07.85	8.46
LISPTEST	DOC	4736	12.07.85	8.46
MAL6	PRG	4224	1.01.80	15.01
METALSAT	DTA	1728	12.07.85	8.47

METALSIM	DTA	16184	12.07.85	8.54
P	PRG	4425	1.01.80	0.03
PCRAK	BAS	2176	12.07.85	8.48
SAFE2D	LIB	17920	12.07.85	8.52
SPREAD1	LIB	84302	1.01.80	4.48
SPREAD2	LIB	21255	1.01.80	4.48
STRUCT2	LIB	65905	1.01.80	5.22
TEST	SEQ	238	1.01.80	0.09
TESTDC	SEQ	624	1.01.80	0.19
TRUSS2	BAS	38073	5.09.85	13.55

BYTE 86/7B Engineer's Tool-box

AKTE 9	FW2	480	5.03.86	12.00
APPLIKA	FW2	2176	5.03.86	12.00
APPLY	FW2	688	5.03.86	12.00
ARRS	FW2	752	5.03.86	12.00
BLINK	FW2	592	5.03.86	12.00
COVER	FW2	816	5.03.86	12.00
CROSSTAB	FW2	10176	5.03.86	12.00
CRSTABDB	FW2	5664	5.03.86	12.00
DATENBAN	FW2	4096	5.03.86	12.00
DBREPORT	FW2	13104	5.03.86	12.00
DEEPER	FW2	416	5.03.86	12.00
DESKTOP	FW2	624	5.03.86	12.00
DIR	FW2	752	5.03.86	12.00
DISKGET	FW2	11936	5.03.86	12.00
DISKUP	FW2	2304	5.03.86	12.00
DOOR	FW2	288	5.03.86	12.00
DSUMDCNT	FW2	1424	5.03.86	12.00
EXPAND	FW2	608	5.03.86	12.00
FEEDBK1	FW2	320	5.03.86	12.00
FEEDBK2	FW2	272	5.03.86	12.00
GREETING	FW2	480	5.03.86	12.00
HELP ME	FW2	3360	5.03.86	12.00
HILI	FW2	6032	5.03.86	12.00
HISTOGRM	FW2	5376	5.03.86	12.00
LABEL	FW2	752	5.03.86	12.00
LAND	FW2	208	5.03.86	12.00
LIB	FW2	15088	5.03.86	12.00
LITEQ	FW2	416	5.03.86	12.00
LOAD	FW2	736	5.03.86	12.00
MENIF	FW2	12128	5.03.86	12.00
MENU	FW2	656	5.03.86	12.00
MENUBAR	FW2	640	5.03.86	12.00
MENULINE	FW2	912	5.03.86	12.00
MENULITE	FW2	768	5.03.86	12.00
MORELITE	FW2	688	5.03.86	12.00
MUSTER01	FW2	768	5.03.86	12.00
MUSTER02	FW2	624	5.03.86	12.00
MUSTER03	FW2	1136	5.03.86	12.00
MUSTER04	FW2	2320	5.03.86	12.00
MUSTER05	FW2	976	5.03.86	12.00
MUSTER06	FW2	6336	5.03.86	12.00
MUSTER07	FW2	1744	5.03.86	12.00
NAME	FW2	288	5.03.86	12.00
NEWSLETR	FW2	12352	5.03.86	12.00
NEXT	FW2	704	5.03.86	12.00
ONCEMORE	FW2	864	5.03.86	12.00
ORGANIZE	FW2	704	5.03.86	12.00
OUTL	FW2	11008	5.03.86	12.00
OUTL2	FW2	10048	5.03.86	12.00
OUTLX	FW2	11008	5.03.86	12.00
OUTLY	FW2	464	5.03.86	12.00
OUTLZ	FW2	480	5.03.86	12.00
OUTSCRN	FW2	1968	5.03.86	12.00
OWNFRAME	FW2	1120	5.03.86	12.00
PROMPTLI	FW2	320	5.03.86	12.00
QUIZALL	FW2	5376	5.03.86	12.00
REFORMAT	FW2	1312	5.03.86	12.00
REVEALED	FW2	512	5.03.86	12.00
SAVE	FW2	528	5.03.86	12.00
SCROLL	FW2	560	5.03.86	12.00
SPG1	FW2	6352	5.03.86	12.00
SPG2	FW2	912	5.03.86	12.00
SPG2K	FW2	15984	5.03.86	12.00
SPG2X	FW2	496	5.03.86	12.00
SPG3	FW2	8368	5.03.86	12.00
SPG3B	FW2	8720	5.03.86	12.00
SPG3BA	FW2	5248	5.03.86	12.00
SPG3BX	FW2	528	5.03.86	12.00
SPG3C	FW2	496	5.03.86	12.00
SPG3X	FW2	512	5.03.86	12.00
SPG4	FW2	4528	5.03.86	12.00
SPG5	FW2	12320	5.03.86	12.00
SPG6	FW2	5280	5.03.86	12.00
SPG7	FW2	6848	5.03.86	12.00
SPG7X	FW2	512	5.03.86	12.00
SPG8	FW2	2400	5.03.86	12.00
STADT	FW2	272	5.03.86	12.00
STEP1	FW2	544	5.03.86	12.00
STEP2	FW2	496	5.03.86	12.00
STORE	FW2	624	5.03.86	12.00

STRASSE	FW2	224	5.03.86	12.00
TOUCHME	FW2	464	5.03.86	12.00
TRAYLITE	FW2	608	5.03.86	12.00
TRAYMOVE	FW2	656	5.03.86	12.00
TRAYS	FW2	288	5.03.86	12.00
TRAYSTAK	FW2	256	5.03.86	12.00
TRAYSX	FW2	304	5.03.86	12.00
TUTOR	FW2	1680	5.03.86	12.00
TUTOR2	FW2	3728	5.03.86	12.00
YOURTURN	FW2	528	5.03.86	12.00
ZDCON	FW2	5856	5.03.86	12.00
ZJ_FRAME	FW2	320	5.03.86	12.00
ZL_FRAME	FW2	256	5.03.86	12.00
ZM_FRAME	FW2	288	5.03.86	12.00
ZO_FRAME	FW2	1040	5.03.86	12.00
ZQ_FRAME	FW2	864	5.03.86	12.00
ZR_FRAME	FW2	256	5.03.86	12.00
ZU_FRAME	FW2	944	5.03.86	12.00
ZV_FRAME	FW2	2304	5.03.86	12.00
_LAND	FW2	208	5.03.86	12.00
_NAME	FW2	288	5.03.86	12.00
_STADT	FW2	288	5.03.86	12.00
_STRASSE	FW2	224	5.03.86	12.00

BYTE 86/10A Power Domain Powerhouses

Programmiersprache ICON

This diskette contains executable binary files for Version 5.9 of Icon running under MS-DOS. This implementation should run on an IBM PC, XT, AT or other 8086/88/186/286 family computer. IBM PC hardware equivalence is not required; only DOS compatibility is needed: PC- or MS-DOS Version 2.0 or above. It is a small memory model implementation and requires 192 KB of memory during execution. An 8087 will be used if it is present.

BYT1086D	<DIR>	27.04.87	1.09
CROSS	DAT	56	8.09.85
CROSS	ICN	700	8.09.85
EXTEN	DOC	12804	30.09.85
HELLO		111	9.05.87
HELLO	ICN	48	23.09.85
ICONREAD	ME	7296	13.08.86
ICONT	EXE	12446	21.10.85
ICONX	EXE	83384	28.03.86
ILINK	EXE	36432	22.09.85
ITRAN	EXE	35930	17.02.86
MEANDER	DAT	23	10.09.85
MEANDER	ICN	803	10.09.85
OVERVIEW	DOC	24262	30.09.85
READMEFI	RST	392	12.07.85
REGIS	FRM	1469	15.12.85
ROMAN		496	9.05.87
ROMAN	ICN	612	8.09.85
RUN	DOC	8361	15.12.85
TROUBLE	FRM	1198	11.09.85
WORDCNT		407	9.05.87
WORDCNT	ICN	564	8.09.85

\BYT1086D Power Domain Powerhouses

The programs included on this disk complement articles that originally appeared in the October 1986 issue of BYTE magazine. These programs are not intended for commercial use. Additionally, the programs on this disk were written for use on computers with a CP/M 2.2 operating system--specifically the Kaypro II. They may be read, but not run, by computers with other operating systems.

EX	COM	2560		
MCAT	COM	6656		
MCAT	DOC	5504		
MEX-KP41	COM	24192		
MEXSUM	DOC	10752		
NSWP207	COM	11776		
NULU12KP	COM	15360		
READMEFI	RST	390	12.07.85	0.18
RESQ13	COM	9088		
SDD	COM	6144		
UNERA	COM	1024		
VDE	COM	4992		
XCAT	COM	2816		

BYTE 86/10B Power Domain Powerhouses

A1TEST	MOD	3968	12.07.85	2.44
A2TEST	MOD	4096	12.07.85	2.44
A3TEST	MOD	4480	12.07.85	2.44
A4TEST	MOD	3072	12.07.85	2.44
ALLOCC	DOC	1648	12.07.85	2.44
ALLOCC1	DEF	1152	12.07.85	2.44
ALLOCC1	MOD	4224	12.07.85	2.44
ALLOCC2	DEF	1152	12.07.85	2.44
ALLOCC2	MOD	5120	12.07.85	2.44
ALLOCC3	DEF	1536	12.07.85	2.44
ALLOCC3	MOD	11136	12.07.85	2.44
ALLOCC4	DEF	1536	12.07.85	2.44
ALLOCC4	MOD	13696	12.07.85	2.44
AUTOEXEC	BAT	97	12.07.85	2.45
BTRANS	MOD	673	8.01.86	13.00
CALC	MOD	415	8.01.86	12.53
CONDRV	DOC	28441	12.07.85	2.45
CONDRV47	SYS	10733	12.07.85	2.45
CONFIG47	SYS	44	12.07.85	2.45
CU	EXE	102400	12.07.85	2.45
DEARC	COM	10240	12.07.85	0.43
FLOAT	MOD	314	8.01.86	12.54
HEAPTEST	MOD	840	31.01.86	10.24
KNOW	PQO	8552	12.07.85	2.45
KOPS	QQQ	566	12.07.85	2.46
LINESTEST	MOD	759	8.01.86	13.00
MACHINES	DEF	1408	12.07.85	2.46
MACHINES	MOD	1664	12.07.85	2.46
MENU	BAT	339	12.07.85	2.46
MENU1	BAT	307	12.07.85	2.46
MENU2	BAT	346	12.07.85	2.46
MENU25	BAT	348	12.07.85	2.46
MENU43	BAT	346	12.07.85	2.46
MENUMONO	BAT	339	12.07.85	2.46
MYTERMIN	DEF	896	12.07.85	2.46
MYTERMIN	MOD	2304	12.07.85	2.46
PIE	BQT	74	12.07.85	2.46
PRCONF	EQE	10149	12.07.85	2.46
PROLOG	DOC	43487	12.07.85	2.47
READ	ME	9706	12.07.85	2.47
README	NOW	1953	12.07.85	1.03
README	PRO	1024	12.07.85	2.47
SIEVE	MOD	728	8.01.86	12.56
STDFKEYS	1	2133	12.07.85	2.47
STDFKEYS	1	1247	12.07.85	2.47
STDFKEYS	CU	255	12.07.85	2.47
STDFKEYS	MOD	633	8.01.86	12.58
USQ	EXE	10034	12.07.85	2.47
Z80MU310	TXT	4584	12.07.85	2.47

BYTE 86/10C Power Domain Powerhouses

DEARC	COM	10240	12.07.85	0.43
PDPROLOG	EQE	116368	12.07.85	2.50
PROLOGED	CQM	18313	12.07.85	2.50
README	NOW	1953	12.07.85	1.03
STDFKEYS	CU	1706	12.07.85	2.51
Z80MU310	ARC	179763	12.07.85	2.52
820INIT.ASM		6373	24 Nov 85	
820INIT.COM		640	24 Nov 85	
820INIT.CTL		3443	24 Nov 85	
820INIT.PRN		20608	24 Nov 85	
PATCHES.DOC		1620	1 Sep 86	
Z80MU.DOC		203232	11 Apr 86	
Z80MU.EXE		97696	1 Sep 86	
Z80MU310.TXT		4584	14 Apr 86	

BYTE 86/13 IBM-Special Issue

The following files complement articles that appear in BYTE's Extra Edition, "Inside the IBM PC".

For, "A Protected Mode Program for the PC AT", Ross P. Nelson, page 123, see the files, Protect.Inc and PM_AT.

For, "IBM PC Accelerators" by Stephen Fried, page 140, see the files, PI.BAS, and PI87.BAS. Associated with these programs are the following subroutines and object files: PI.OBJ, FPCSE.ASM, FPSAV.ASM, DBB4.ASM, DBB16.ASM, DBBCACHE.ASM, CB4.ASM, CB16.ASM, IA.ASM, XFER.ASM, DBB4.OBJ, DBB16.OBJ, DBBCACHE.OBJ, CB4.OBJ, CB16.OBJ, IA.OBJ, XFER.OBJ, TIME100.OBJ, and LPI.BAT.

For, "Lotus/Intel/Microsoft Expanded Memory", by Ray Duncan, page 168, see, EMSDISK.ASM.

For "Performance Programming", by Joel Rosenblum and Dan Jacobs, page 181, see, PERPROPC.ASM and PERPROPC.C.

For, "RAM-Loadable Character Sets for the IBM PC", by Richard Wilton, page 197, see, CSETS.LST, CSLS1.LST, CSLS2.ASM, CSLS3.ASM, CSLS4.ASM, CSLS5.ASM, CSLS6.ASM and CSLS7.ASM.

For, "Using Assembly Routines in MS-FORTRAN Programs" by Mark Dahmke, page 217, see, MCDFIG5.ASM, MCDFIG7.ASM, and MCDFIG8.FOR.

For "Memory Manipulations", by Alan R. Miller, page 232, see, LI-STINGS1.DOC, ADUMP.ASM, MYMAC.LIG, FILL.ASM, MEM704.ASM, and LI-STINGS2.DOC.

For, "Writing Assembly Language Interrupt Routines", by William J. Claff, page 249, see LISTING1.DOC, LISTING2.DOC, LISTING3.DOC and LISTING4.DOC.

For, "C Versus Assembly--C Plus Assembly", by Tom Hogan, page 267, see, LISTING1.TXT, LISTING2.TXT, LISTING3.TXT, LISTING4.TXT, LISTING5.TXT, and LISTING6.TXT.

ADUMP	ASM	5888	12.07.85	4.08
CB16	ASM	795	12.07.85	4.09

CB16	OBJ	154	24.07.86	12.00
CB4	ASM	789	12.07.85	4.09
CB4	OBJ	152	24.07.86	12.00
CSETS	LST	14208	12.07.85	4.09
CSLS1	LST	769	12.07.85	4.09
CSLS2	ASM	8576	12.07.85	4.09
CSLS3	ASM	15872	12.07.85	4.09
CSLS4	ASM	15232	12.07.85	4.09
CSLS5	ASM	19968	12.07.85	4.09
CSLS6	ASM	3328	12.07.85	4.09
CSLS7	ASM	6016	12.07.85	4.09
DBB16	ASM	818	12.07.85	4.09
DBB16	OBJ	16635	24.07.86	12.00
DBB4	ASM	813	12.07.85	4.09
DBB4	OBJ	4261	24.07.86	12.00
DBBCACHE	ASM	815	12.07.85	4.09
DBBCACHE	OBJ	4269	24.07.86	12.00
EMSDISK	ASM	29952	12.07.85	4.10
FILL	ASM	640	12.07.85	4.10
FPCSE	ASM	1156	12.07.85	4.10
FPSAV	ASM	857	12.07.85	4.10
IA	ASM	738	12.07.85	4.10
IA	OBJ	167	24.07.86	12.00
IBM	TOC	1575	1.01.80	0.54
LISTING1	DOC	1503	12.07.85	4.10
LISTING1	TXT	467	12.07.85	4.10
LISTING2	DOC	568	12.07.85	4.10
LISTING2	TXT	264	12.07.85	4.10
LISTING3	DOC	2838	12.07.85	4.10
LISTING3	TXT	614	12.07.85	4.10
LISTING4	DOC	2402	12.07.85	4.10
LISTING4	TXT	768	12.07.85	4.10
LISTING5	TXT	384	12.07.85	4.10
LISTING6	TXT	512	12.07.85	4.10
LISTINGS1	DOC	1024	12.07.85	4.10
LISTINGS2	DOC	2304	12.07.85	4.10
LPI	BAT	58	12.07.85	4.10
MCDFIG5	ASM	1024	12.07.85	4.10
MCDFIG7	ASM	7680	12.07.85	4.11
MCDFIG8	FOR	2304	12.07.85	4.11
MEM704	ASM	1536	12.07.85	4.11
MYMAC	LIB	896	12.07.85	4.11
PERPROPC	ASM	18614	12.07.85	4.11
PERPROPC	C	20068	12.07.85	4.11
PI	BAS	6442	12.07.85	4.11
PI	OBJ	12241	24.07.86	12.00
PI87	BAS	6022	12.07.85	4.11
PM AT	ASM	34463	12.07.85	4.12
PROTECT	INC	4689	12.07.85	4.12
README	1ST	175	23.10.86	15.18
TIME100	OBJ	1214	24.07.86	12.00
XFER	ASM	874	12.07.85	4.12
XFER	OBJ	197	24.07.86	12.00

BYTE 87/1 Programmable Hardware

The programs for "PALS Make Complex Circuits Simpler" are: README.PAL, FILENAME.FOR, SIMLT.FOR, PALASM.FOR, TSTHOLD3.PAL, TSTHOLD1.PAL, TESTAS2.PAL, TSTHOLD2.PAL, TESTAS1.PAL, PAL20.EXE, and PDSCNVT.EXE.

The programs for "Getting Started with PALS" are: PAL1.BAS, PAL2.BAS and PALTABLE.DAT.

The programs for "Build Your Own PAL Programmer" are: LISTING, and PARTS.LIS.

The program for "Dynamic Memory Allocation" is LINKLIST.PAS.

The programs for "An Introduction to Relaxation Methods," are: RELX1.BAS, RELX2.BAS, and RELXH.TXT.

The programs for "Look It Up Faster with Hashing" are: LIST.1, LIST.2, LIST.3, LIST.4, LIST.5, LIST.6 and LIST.7. The programs for "Region Maker" are: RGNMAKER.ASM, SAVERGN.ASM and TRAVERSE.ASM.

The program for "High-Performance Software Analysis on the IBM PC" is: "PROFILER.ASM."

The program for "EGA Times 12" is MODE.ASM.

The programs for the Stride 440 review are all in the file: LISTINGS.DOC".

The programs for the review of the three Modula-2's for the IBM PC are all contained in the file: MODULA.LST.

FILENAME	FOR	1280	3.08.86	18.00
LINKLIST	PAS	7680	28.10.86	14.47
LIST	1	614	7.10.85	14.53
LIST	2	907	7.10.85	14.55
LIST	3	1055	7.10.85	14.57
LIST	4	592	7.10.85	14.58
LIST	5	1377	7.10.85	15.00
LIST	6	3586	7.10.85	15.01
LIST	7	3688	7.10.85	14.52
LISTING		4992	7.11.86	11.19
LISTINGS	DOC	6025	28.10.86	11.39
MODE	ASM	1920	9.10.86	10.58
MODULA	LST	15678	12.07.85	8.25
PAL1	BAS	11648	1.01.80	0.08
PAL2	BAS	13696	1.01.80	0.11
PAL20	EXE	72576	11.12.84	17.14
PALASM	FOR	29440	6.08.87	11.55
PALTABLE	DAT	4224	1.01.80	7.07
PDSCNVT	EXE	41192	29.04.86	10.25
PROFILER	ASM	7609	18.07.86	17.49
README	1ST	1259	1.01.80	6.12
README	PAL	552	1.01.80	2.41
RELX1	BAS	6907	5.02.85	11.23
RELX2	BAS	14145	5.02.85	11.39
RELXH	TXT	11520	5.02.85	16.19
RGNMAKER	ASM	21710	1.01.80	1.31
SAVERGN	ASM	10240	12.08.86	9.37
SIMLT	FOR	12288	3.08.86	18.00
TESTAS1	PAL	896	7.09.87	15.37
TESTAS2	PAL	1280	7.09.87	16.29
TRAVERSE	ASM	7189	1.01.80	1.31
TSTHOLD1	PAL	2176	3.08.86	21.48
TSTHOLD2	PAL	1792	3.08.86	21.58
TSTHOLD3	PAL	1920	3.08.86	21.59
ZAPAL	C	19658	1.01.80	2.19

BYTE 87/2 Educational Computing

The program IFP.TXT accompanies the article, "Illinois Functional Programming: A Tutorial" by Arch D. Robison, page 114. For those who use IBM

PCs the executable version is called IFP.EXE

The program POLY.BAS accompanies the article, "Calculating the Area of an Irregular Shape," by Rene Stolk and George Ettershank, page 135.

The programs LISTING1, LISTING2, LISTING3, LISTING4, and LISTING5 accompany, "Another Approach to Data Compression," by Robert J. Sciamanda, page 137.

FEB	TOC	633	1.01.80	1.51
IFP	EXE	77506	5.12.85	12.17
IFP	TXT	31141	5.12.85	12.04
LISTING1		225	1.01.80	0.02
LISTING2		1367	1.01.80	0.05
LISTING3		745	20.05.86	10.45
LISTING4		377	20.05.86	10.21
LISTING5		1818	1.01.80	0.09
POLY	BAS	307	29.10.86	9.58
README	1ST	187	1.01.80	1.16

BYTE 87/3 Image Processing

LIST1.TXT, LIST2.TXT, LIST3.TXT, LIST4.TXT, LIST5.TXT, LIST6.TXT, LIST7.TXT Contributed by: Brian Edginton. "Installing Memory-Resident Programs with C", by Brian Edginton, March 1987, page 129.

BIXMODEM.INC Contributed by Barry Nance. "Best of BIX," PC.BIX/SOURCE.CODE #28 from barryn (Barry Nance), March 1987, page 311.

IMAGEIO.C Contributed by: Chuck McManis. "Low-Cost Image Processing," by Chuck McManis, March 1987, page 191

EDGE.C Contributed by: Chuck McManis. "Low-Cost Image Processing," by Chuck McManis, March 1987, page 191

BASIC.LST Contributed by: Brian Wichmann and David Hill. "Building a Random-Number Generator," by Brian Wichmann and David Hill, March 1987, page 127

RANDOM.LST Contributed by: Brian Wichmann and David Hill. "Building a Random-Number Generator," by Brian Wichmann and David Hill, March 1987, page 127

LISPTEST.DOC Contributed by William G. Wong. "PC Scheme: A Lexical LISP," by William G. Wong, March 1987, page 223

IPALG.DOC Contributed by Benjamin M. Dawson. "An Introduction to Image Processing Algorithms, March 1987, page 191

MAKEFILE Contributed by Benjamin M. Dawson. "An Introduction to Image Processing Algorithms, March 1987, page 191

README Contributed by Benjamin M. Dawson. "An Introduction to Image Processing Algorithms, March 1987, page 191

SIMAREA.C, SIMINTER.C, SIMPOINT.C, SIMPP.DOC, SIMPP.H, SIMPRIM.C, SIMSUBS.C, SIMTEST.C, SIMUTIL.C, SIMGEO.C Contributed by Benjamin M. Dawson. "An Introduction to Image Processing Algorithms, March 1987, page 191

BASIC	LST	1738	12.07.85	5.15
EDGE	C	5814	12.07.85	1.01
ILIST	DOC	4653	12.07.85	7.17
IMAGEIO	C	7395	12.07.85	1.10
LISPTST	DOC	8560	1.01.80	14.00
LIST1	TXT	305	16.07.86	10.16
LIST2	TXT	12088	16.07.86	16.10
LIST3	TXT	248	16.07.86	10.17
LIST4	TXT	228	16.07.86	10.18
LIST5	TXT	403	16.07.86	10.47
LIST6	TXT	462	16.07.86	10.46
LIST7	TXT	2420	16.07.86	10.41
MAKEFILE		384	12.07.85	6.35
MAR	TOC	9216	1.01.80	3.01
PC	BIX	10215	1.01.80	2.43
RANDOM	LST	878	1.01.80	0.15
README		761	1.01.80	0.10
README	1ST	184	1.01.80	1.47
SIMAREA	C	7974	12.07.85	6.56
SIMGEO	C	5185	12.07.85	0.31
SIMINTER	C	2304	12.07.85	6.38
SIMPOINT	C	5248	12.07.85	6.40
SIMPP	DOC	14896	12.07.85	0.32
SIMPP	H	2213	12.07.85	0.32
SIMPRIM	C	8064	12.07.85	6.42
SIMSUBS	C	7424	12.07.85	6.43
SIMTEST	C	12377	12.07.85	0.33
SIMUTIL	C	5132	12.07.85	0.34

BYTE 87/4 Instruction Set Strategies

All of the programs with the ".LSP" file-name extension belong to Ernest Tello's review of the GCLISP 286 Developer from Gold Hill Computers and were contributed by the author.

The files 386.TXT, RNAPR87.DOC, SIEVE.ASM and SIEVE386.ASM all belong to the Reviewer's Notebook, page 201, in which BYTE technical editor Richard Grehan benchmarks High C from MetaWare, 386LINK, and RUN386 from Phar Lap Software.

LISTING.BIX is a group of 11 programs associated with "Concurrent Programming In Turbo Pascal," page 127, and contributed by Mukkai S. Krishnamoorthy and Snorri Agnarsson

386	TXT	5886	10.02.87	23.32
APRIL	TOC	638	2.01.80	6.14
BOYER	LSP	13312	1.01.80	2.10
BROWSE	LSP	3200	1.01.80	1.37
DERIV	LSP	2304	1.01.80	1.39
DESTRUCT	LSP	1024	1.01.80	1.38
DIV	LSP	1152	1.01.80	1.40
EXE	LSP	1792	1.01.80	1.27
FRPOLY	LSP	5888	1.01.80	2.03
IO	LSP	1818	22.12.86	4.31
LISTING	BIX	7464	6.01.80	2.52
LOOP	LSP	10240	1.01.80	1.35
PUZZLE	LSP	3456	1.01.80	1.42
READ	ME	353	2.01.80	3.32
README	1ST	184	2.01.80	20.07

RNAPR87	DOC	6665	11.02.87	0.32
SIEVE	ASM	3482	23.11.86	21.41
SIEVE386	ASM	3482	23.11.86	21.41
TAK	LSP	19840	1.01.80	1.56
TIMING	LSP	4124	22.12.86	4.28
TRAVERSE	LSP	3328	1.01.80	1.39
TRIANG	LSP	1920	1.01.80	1.43

BYTE 87/5 Desktop Publishing, Internal Modems

Documentation : README. 1ST, ADVSYS. DOC

Sample adventure source: OSAMPLE.ADV, OBJECTS.ADI

Definitions (used by ADVCOM and ADVINT): ADVDBS.H

Compiler source code (ADVCOM): ADVCOM.H, ADVAVL.H, ADVCOM.C, ADVFCN.C, ADVSCN.C, ADVEXP.C, ADVAVL.C, ADVFIO.C

Interpreter source code (ADVINT): ADVINT.H, ADVMSG.C, ADVTRM.C, ADVPRS.C, ADVDBS.C, ADVINT.C, ADVJUNK.C, ADVEXE.C

ADVAVL	C	3750	20.07.86	12.42
ADVAVL	H	782	20.07.86	12.49
ADVCOM	C	15476	20.07.86	12.40
ADVCOM	H	1399	20.07.86	12.48
ADVDBS	C	11051	20.07.86	12.44
ADVDBS	H	5584	20.07.86	12.48
ADVEXE	C	6202	20.07.86	12.44
ADVEXP	C	10829	20.07.86	12.42
ADVFCN	C	14285	20.07.86	12.41
ADVFCN	C	998	20.07.86	12.42
ADVINT	C	2569	20.07.86	12.44
ADVINT	H	383	20.07.86	12.50
ADVJUNK	C	1848	19.07.86	19.24
ADVMSG	C	2682	20.07.86	12.43
ADVPRS	C	7269	20.07.86	12.43
ADVSCN	C	6362	20.07.86	12.41
ADVSVS	DOC	30536	20.07.86	12.15
ADVTRM	C	3243	20.07.86	12.43
CONTENTS	MAY	793	2.01.80	0.16
LIST1	PS	609	29.04.87	3.25
LIST2	PS	1633	29.04.87	3.28
LIST3	PS	781	29.04.87	3.28
LIST4	PS	1079	29.04.87	3.30
LIST5	PS	848	29.04.87	3.31
LIST5	PS	848	29.04.87	3.31
LISTINGS	DOC	1108	2.01.80	0.11
OBJECTS	ADI	13193	20.07.86	14.16
OSAMPLE	ADV	4355	20.07.86	14.15
PULLDOWN	C	20920	16.03.87	22.08
READ	ME	199	17.03.87	9.41
README	1ST	1028	8.03.87	11.51
README	NOW	182	1.01.80	3.01

BYTE 87/6 CAD, Mice, 12 MHz ATs, IBM PS/2

The following files and their associated BYTE articles are contained in the archive jun.arc. (Use darc.com to unpack the archive)

Bench.obj goes with Mat Davis' Smalltalk/V review.

Clockset.asm and Timeset.asm go with Tim Hunkler's Atari 520ST Projects.

Compress.pas and Expand.pas both go with Dick Pountain's Algorithm piece.

Listing1.bas through Listing4.bas go with Paul D. Bourke's Contouring Subroutine article.

Polyfit.bas goes with William G. Hood's Polynomial Curve Fitter programming insight.

The files, Index.one,two and thr, are an index of all articles published in BYTE in 1986.

All the rest of the files are associated with Version 1.2 of the CAD Design package described by Arthur Crook.

DARC	COM	59520	2.01.80	23.39
JUN	ARC	260176	18.04.87	3.28
BENCH.OBJ		1998	18 Apr 87	
CLOCKSET.ASM		35576	20 Nov 86	
COMPRESS.PAS		1664	25 Mar 87	
CPU.BPL		6048	8 Mar 87	
CPU.CHG		1418	8 Mar 87	
CPU.DES		7410	8 Mar 87	
CPU.DWG		20043	8 Mar 87	
CPU.FDW		13754	8 Mar 87	
CPU.LSP		6122	8 Mar 87	
CPU.PRT		427	8 Mar 87	
CPU.VOO		7410	8 Mar 87	
DEMO.CMD		1457	8 Mar 87	
DES.BAT		46	3 Feb 85	
DESIGN.EXE		195517	8 Mar 87	
DWG.BAT		54	24 Sep 84	
DWG.FIN		6	3 Feb 85	
DWG.INI		13	8 Mar 87	
EXPAND.PAS		1664	25 Mar 87	
INDEX.ONE		62477	18 Apr 87	
INDEX.THR		59543	18 Apr 87	
INDEX.TWO		58323	18 Apr 87	
LISTING1.BAS		4763	12 Mar 87	
LISTING2.BAS		1753	12 Mar 87	
LISTING3.BAS		1705	12 Mar 87	
LISTING4.BAS		206	12 Mar 87	
LOGO.TXT		669	6 Apr 85	
MICRO.DES		6144	8 Mar 87	
POLYFIT.BAS		4859	5 Mar 87	
STD.CFG		1248	8 Mar 87	
STD.LIB		55809	8 Mar 87	
TIMESSET.ASM		13451	20 Nov 86	
JUN	TOC	712	18.04.87	4.12

BYTE 87/11 Accelerator Boards, Workstations

ANSIDEMO.C and ANSYSYS.C accompany, "A C Interface," by Don F. Ridgway, November, 1987, page 363.

ARS.C and DICTON.DAT accompany, "Recursion + Data Structures = Anagrams," by Mike Morton, November, 1987, page 325.

TM1.BAS accompanies, "The Turing Machine," by Isaac Malitz, November, 1987, page 345.

ANSIDEMO	C	21034	17.07.85	20.52
ANSYSYS	C	13854	17.07.85	20.30
ARS	C	26095	6.10.87	18.57
DICTON	DAT	145303	7.10.87	2.48
IBM	BOB	26489	15.10.87	14.02
NOV	TOC	315	7.10.87	21.37
README	NOW	184	7.10.87	21.40
TM1	BAS	896	15.09.87	10.36

BYTE 87/12 AT Memory Boards, Natural Language Processing

BENCH.PAS Accompanies "Marshal Pascal and Pascal-2," by Mark Bridger, BYTE, December 1987, page 185

PROJ3D.BAS Accompanies "Three-Dimensional Perspective Plotting," by Tyrone Daulton, BYTE, December 1987, page 307.

ENTROPY.BAS Accompanies "Information Theory" by Ramachandran Bharath, BYTE, December, 1987, page 291

CARTOG.PAS, CPLOT.PAS, READ.ME and WORLD.DAT Accompany "Mapping the World in Pascal" by Robert Miller and Francis Reddy, BYTE, December 1987, page 329

3-D.PAS, TEXTURE.PAS, FRAKFFC.PAS, MAP.PAS and FRAKVOSS.PAS Accompany

"Mimicking Mountains," by Tom Jeffery, BYTE, December 1987, page 337

NL-READ.ME, NLUTILS.PRO, NL-TOKENS.PRO, NLDATE.PRO, NL-RULES.PRO, NLSIMPLE.PRO and NLSIMPLE.DOC, as well as all of the files that begin with "NLDOS" Accompany "DOS in English," by Alex Lane, BYTE, December 1987, page 261.

SCROLLZOOM.C, and ZOOM-BLIT.ASM Accompany BYTE's review of the Atari Mega 4 by Jim Kent, December 1987, page 153

X386B1.C, X386B2.C, X386B3.C, X386B4.C, X386B5.C, and X386B6.C, Accompany SCO XENIX 386 by Edwin J. Lau, BYTE, December, 1987, page 190.

FERRET.ASM accompanies "Ferret: An Image Processor" by Clifford Harris, BYTE, December, 1987, page 317.

NLP.C and NLPRPT.C accompany "Natural Language Processing in C" by Herbert Schildt, BYTE, December 1987, page 269.

3-D	PAS	5223	3.12.87	17.25
BENCH	PAS	3710	6.11.87	14.24
CARTOG	PAS	12831	6.11.87	14.34
CPLOT	PAS	15767	6.11.87	14.36
DEC	TOC	1347	6.11.87	15.25
ENTROPY	BAS	1234	6.11.87	14.26
FERRET	ASM	89040	6.11.87	15.18
FRAKFFC	PAS	3980	3.12.87	17.32
FRAKVOSS	PAS	3880	3.12.87	17.34
IBM	BOB	25201	18.11.87	16.05

MAP	PAS	3534	3.12.87	17.36
NL-READ	ME	1378	6.11.87	14.59
NLDATE	PRO	2822	6.11.87	15.02
NLDOS	DOC	4728	6.11.87	15.08
NLDOS	DOM	1330	6.11.87	15.07
NLDOS	PRO	9972	6.11.87	15.07
NLDOS	SYN	2118	6.11.87	15.08
NLP	C	3760	6.11.87	15.21
NLPRPT	C	4471	6.11.87	15.22
NLRULES	PRO	4115	6.11.87	15.02
NLSIMPLE	DOC	4389	6.11.87	15.05
NLSIMPLE	PRO	10259	6.11.87	15.03
NLTOKENS	PRO	5864	6.11.87	15.01
NLUTILS	PRO	2273	6.11.87	15.00
PROJ3D	BAS	10785	6.11.87	14.25
READ	ME	3038	6.11.87	14.36
SCROLLZOOM	C	1588	6.11.87	15.09
TEXTURE	PAS	3545	3.12.87	17.38
WORLD	DAT	45366	23.03.87	16.22
X386B1	C	1330	6.11.87	15.11
X386B2	C	1430	6.11.87	15.11
X386B3	C	1734	6.11.87	15.12
X386B4	C	1685	6.11.87	15.12
X386B5	C	1289	6.11.87	15.12
X386B6	C	1358	6.11.87	15.13
ZOOMBLIT	ASM	6937	6.11.87	15.10

BYTE 87/13 IBM-Special Issue

T8255.PAS, T6821.PAS, T810.PAS, PAL6821.LST, and PAL810.LST are from "Three Bus Interface Designs for the PC", by James R. Drummond, BYTE, IBM Special Issue, 1987, page 225.

All of the programs beginning with the word SPY are from "Spying on Windows", by Mike Geary, BYTE, IBM Special Issue, 1987, page 97.

PMODE.ASM is from "286/386 Protected-Mode Programming", by Joel Barnum, BYTE Special Issue, 1987, page 125.

INSERT.ASM is from "Pipes and Filters", by Paul Baker, BYTE, IBM Special Issue, 1987, page 215.

WINDOW.BAS is from "Windows for BASIC", by John W. Ross, BYTE, IBM Special Issue, 1987, page 201.

EXKEY.BAT, KEYIN.ASM, TOPATH.ASM, ONEKEY.ASM, STRING.ASM, and MAKECOM.BAS are from "Better Batch Files Through Assembler", by William J. Claff, BYTE, IPB Special Issue, 1987, page 159.

MSYSMOUSE.ASM, MICROSOFT.ASM, and MSDRIVER.ASM are from "Application Input Drivers", by Jeremy Sagan, BYTE, IBM Special Issue, 1987, page 143.

STAMPER.ASM, STAMPER.DEF and STAMPER.MAK are from "TSRs Past and Future: MS-DOS and OS/2", by Ray Duncan, BYTE, IBM Special Issue, 1987, page 49.

EXKEY	BAT	397	24.09.87	3.46
-------	-----	-----	----------	------

IBM	TOC	1119	27.09.87	22.13
INSERT	ASM	9984	26.06.87	13.19
KEYIN	ASM	1053	24.05.87	18.45
MAKECOM	BAT	657	25.09.87	3.37
MDRIVER	ASM	3727	17.06.87	11.15
MICROSOFT	ASM	2539	3.06.87	15.23
MOUSESYS	ASM	6560	17.06.87	12.21
ONEKEY	ASM	2504	24.05.87	19.47
PAL6821	LST	2816	25.09.87	12.59
PAL810	LST	3328	25.09.87	12.59
PMODE	ASM	3072	15.09.87	10.06
README	NOW	187	27.09.87	0.48
SPY		282	15.10.87	14.03
SPY	C	35574	15.10.87	14.33
SPY	DEF	241	15.10.87	14.11
SPY	DOC	867	19.10.87	15.39
SPY	H	655	15.10.87	14.11
SPY	ICO	1038	15.10.87	16.03
SPY	RC	892	15.10.87	14.11
STAMPER	ASM	16105	27.09.87	22.07
STAMPER	DEF	340	27.09.87	22.08
STAMPER	MAK	470	27.09.87	22.10
STRING	ASM	1522	18.06.87	8.51
T6821	PAS	512	25.09.87	12.58
T810	PAS	640	25.09.87	12.58
T8255	PAS	640	25.09.87	12.57
TOPATH	ASM	714	24.05.87	14.38
WINDOW	BAS	5323	22.09.87	4.18

LUG Lowerbucks User Group

LUG 001 Utilities

This is the first ever MS DOS disk of the month for the Lower Bucks User Group. I trust with support from others of you, it will not be our last. This first edition contains nine good programs I hope will somehow either, amuse, educate, confound, or help to reduce your computing aggravation. Most of these programs include their own documentation in a separate file which you can view with either the TYPE or COPY commands. In fact one of these programs (LIST.COM) was designed especially to allow you to browse through these files (forward or backward) at your own pace.

LIST	COM	5785	5-06-87	9:51a
LIST	DOC	24754	5-23-86	2:43p

Type LIST LIST.DOC from the dos prompt so you can peruse the instructions for this wonderful utility. You may also type LIST *.DOC to read all of the .DOC files on this disk.

INSULTS	COM	28288	6-17-85	3:32a
---------	-----	-------	---------	-------

Those of you with a sense of humor will appreciate the program INSULTS.COM. Those of you without a sense of humor, do yourself a favor, just skip this one.

CED	COM	7156	12-06-85	1:18p
CED	DOC	70472	1-16-86	9:06a

CED is, in my opinion, the one memory resident program which should be in everyone's AUTOEXEC.BAT. This program makes it easy for you to edit the command line and much more.

Print out the documentation and study it for the full scoop. This is a first rate program which deserves your attention.

CWEEP EXE 26368 12-11-86 12:26a

This is a file management utility which allows you to do mass file copy's and deletes. A must for hard disk owners.

ARCE COM 5710 12-31-86 1:54p
ARC DOC 57214 1-12-87 5:06p
ARC EXE 30142 10-24-86 3:03p
ARC TXT 2232 1-08-87 4:53p

This is the latest version (5.20) of the now famous ARC file compression and extraction utility. This program is used extensively on MS DOS BBS's to reduce up/download time, and to combine all of a applications needed files into one package. It's also useful for reducing the number of disks required to back up your important but old data and program files. Another "must have" program for everyone.

FASTCOPY EXE 17244 6-11-86 2:16p
FASTCPY2 DOC 6685 6-11-86 11:51a

Ideal program for our new MS DOS public domain librarian to use to make mass copies of a single disk. By the way, this job is open, do we have any takers?

SDIR COM 3584 5-11-84 7:17p
SDIR DOC 1536 9-07-83 12:38a

This program will display any disk directory sorted by name, extension, size, or date in three formats. Another must for our new public domain librarian, whomever he/she may be.

SOPWITH EXE 60928 12-28-86 12:08a

This is a cute game where you control a very slow but agile aircraft. Object is to bomb and/or strafe everything on the ground and then fly off into the sunset. This game requires CGA video (color) to use. This game comes highly recommended by my nine year old.

WHEREIS COM 1024 11-23-84 2:23p
WHEREIS DOC 1536 10-15-84 9:45p

If you have ever had to search through twenty or thirty subdirectories to find a particular file you knew was somewhere on the hard drive, you'll appreciate this utility. Type WHEREIS [filename] and the computer will search through every subdirectory and report every occurrence of that file name. OK! That's it for this month. It is my sincere hope that one of you will volunteer to produce a disk for next month's meeting. Please call me if you think you would like to have the librarians job on a permanent basis. This

kind of job can be lot's of fun, and shouldn't require more than a few hours a month to do properly.

ARC DOC 57214 12.01.87 17.06
ARC EXE 30142 24.10.86 15.03
ARC TXT 2232 8.01.87 16.53
ARCE COM 5710 31.12.86 13.54
CED COM 7156 6.12.85 13.18
CED DOC 70472 16.01.86 9.06
CWEEP EXE 26368 11.12.86 0.26
DOK 0 19.07.88 7.57
FASTCOPY EXE 17244 11.06.86 14.16
FASTCPY2 DOC 6685 11.06.86 11.51
INSULTS COM 28288 17.06.85 3.32
LIST COM 5785 6.05.87 9.51
LIST DOC 24754 23.05.86 14.43
LUG DISK 001 5014 28.06.87 20.10
SDIR COM 3584 11.05.84 19.17
SDIR DOC 1536 7.09.83 0.38
SOPWITH EXE 60928 28.12.86 0.08
WHEREIS COM 1024 23.11.84 14.23
WHEREIS DOC 1536 15.10.84 21.45

LUG 002 Utilities

ARC DOC 0 8.05.88 15.59
ARC521 COM 58368 5.07.87 19.51
ARCE COM 5710 8.05.88 15.58
CACHE2 ARC 14336 3.07.87 4.01
CACHE2.ASM 26017 24 Jan 86
CACHE2.COM 1023 24 Jan 86
CACHE2.DOC 4295 24 Jan 86
CATS COM 5091 19.10.86 13.15
CATS TXT 17602 25.08.86 17.32
JIVE ARC 23552 14.02.87 23.53
JIVE.DOC 1920 14 Oct 86
JIVE.EXE 35072 11 Oct 86
MAXHEAD ARC 30720 15.02.87 0.03
MAXHEAD2.COM 35984 28 Aug 86
MAXHEAD2.DAT 7680 28 Aug 86
MSDOSLIB TXT 75826 9.08.87 15.04
SIMCGA2 ARC 4096 18.03.87 12.28
SETCGA.COM 7 10 Sep 86
SETMONO.COM 7 10 Sep 86
SIMCGA.COM 957 18 Jan 87
SIMCGA.DOC 4826 18 Jan 87
SORTF DOC 3632 27.12.85 2.15
SORTF EXE 3072 27.12.85 2.15
SUMDOS ARC 65536 4.07.87 2.56
README.1ST 714 28 May 86
README.BAT 16 27 Feb 86
README.TXT 967 27 Feb 86
SDINSTR.DOC 59691 1 Jan 80
SUMDOS.COM 46970 19 May 86
W4FORM ARC 11264 13.02.87 12.23
FORMW4.WK1 21720 8 Feb 87
W4A 279 8 Feb 87
WINDOWS ARC 3026 11.08.87 21.09
123.BAT 185 11 Aug 87
BAS.BAT 182 11 Aug 87
CALENDAR.BAT 192 11 Aug 87
FORMATER.BAT 201 11 Aug 87
FY.BAT 183 11 Aug 87
GETABYTE.COM 73 6 Jun 87
MENU.ASC 2024 11 Aug 87
PARK.BAT 214 11 Aug 87
PW.BAT 194 11 Aug 87
README 1571 11 Aug 87
WINDOWS.BAT 411 11 Aug 87
ZENO12 ARC 9216 11.02.87 11.03
ZENO.ASM 15200 28 Jan 87
ZENO.COM 805 28 Jan 87
ZENO.DOC 4235 28 Jan 87
ZENOTEST.COM 297 28 Jan 87

LUG 003 Utilities

ASC COM 1169 2.12.86 14.59
ATTR COM 627 17.03.86 14.46
BAC COM 1392 2.01.80 1.46
BATFILE DAT 6742 6.04.87 15.09
BROWSE COM 958 2.01.86 3.54
CACHE COM 543 5.06.86 10.59
CALENDAR BAT 62 6.12.87 10.18
CAPSLOCK COM 122 26.09.85 12.03
CHANGE COM 737 15.08.86 9.22
CHK4BOMB ARC 12288 7.07.87 21.53
CHK4BOMB DOC 1664 14.11.85 8.22
CHK4BOMB EXE 12032 14.11.85 8.21
COPYSAFE COM 1266 17.03.87 8.00

DDIR COM 796 5.09.85 15.39
DELZ COM 657 1.01.80 0.10
DIREX COM 1987 14.01.87 9.02
DIREX FIX 1150 14.01.87 9.27
DISKPREP COM 1403 17.09.86 14.29
DISKSCAN COM 1005 31.01.86 14.45
DOORS COM 177 5.06.86 10.58
DOS BAR 1402 14.04.87 13.49
DOS BDF 3059 14.04.87 13.48
DOS-EDIT COM 616 1.01.80 7.01
DRAW COM 1589 5.02.87 13.34
DSKWATCH COM 313 1.01.80 0.00
FILECAT COM 60775 14.05.86 19.04
FILECAT DOC 57398 10.05.86 17.17
FILECAT IXN 33507 9.10.87 12.05
FILECAT KWD 29463 9.10.87 12.05
FINCO1 CHN 18669 14.05.86 19.04
FINCO2 CHN 20962 14.05.86 19.04
FREE COM 343 5.06.86 10.54
FREEZE COM 497 3.10.86 12.01
KBM COM 363 1.01.80 0.59
KEEPER COM 3148 1.05.85 18.10
KEY-FAKE COM 536 17.09.85 12.07
LOCATE COM 517 5.06.86 11.18
LOCK COM 340 1.01.80 0.33
LPTPORT COM 20 5.03.85 13.32
MAKEBAR COM 2079 23.03.87 12.23
MOVE COM 430 5.03.85 13.11
NO COM 736 14.02.86 9.38
NOTEPAD BAT 60 6.12.87 10.24
NPAD COM 1054 19.12.84 12.56
ONEKEY COM 3524 28.02.85 10.44
PARINT COM 451 1.01.80 10.10
PARSE COM 816 24.10.86 6.30
PLAY COM 864 30.01.87 14.58
POP-CAL COM 873 28.07.86 8.53
POPDIR COM 658 3.03.86 14.13
PR COM 1819 14.03.85 14.16
PRSWAP COM 256 27.06.85 18.17
PUSHDIR COM 724 3.03.86 11.05
QUICKEYS COM 272 11.12.85 15.07
RED COM 1071 28.11.84 10.07
REMINDER COM 1712 31.03.87 12.41
RENDIR COM 1139 23.01.86 10.35
REPEATS COM 1253 11.03.87 17.19
SEARCH COM 1287 21.11.86 8.08
SETUP COM 3132 14.04.86 12.22
SIZE COM 640 2.01.80 4.54
SLASHBAR COM 2025 7.05.87 10.43
SNAPSHOT COM 10613 5.06.86 11.12
SPECTRUM COM 1211 30.03.87 8.53
STATLINE COM 409 6.02.86 17.33
STATUS COM 1793 20.01.87 14.55
SUGGEST COM 628 11.09.86 8.00
SWEEP COM 591 5.06.86 10.59
TIMEKEY COM 736 13.11.86 9.54

LUG 004 Utilities

MS DOS disk of the month for February 1987. On this months disk I tried to put in a little something for everyone. The formula I used to put this disk together was, that if I liked it, you'd like it. Now I know it is impossible to please all of the people all of the time. However I figure I probably can genuinely please at least a few of you, and for the rest of you I'm just blowing smoke (sorry!).

For starters almost all of the programs on this disk are in an ARC type file format. This was done primarily to save disk space, but this format also groups a bunch of related files into a single file which is easier to manipulate. In order to use ARC'ed programs you first have to de'ARC em. If you do not have a copy of ARC.COM or ARCE.COM, you may pick them up from our MS DOS PD library (ask for LUG Disk #002). Familiarize yourself with the operation of these programs,

as you'll undoubtedly want to use these utilities in the future for other LUG disks, and to archive your own files.

POST.ARC

The first program on our disk for this month was an immediate hit with me. POST is a poster making program in much the same manner as Print Shop. Unlike Print Shop it is a text only product, but has a host of formatting options so you can have multiple lines with different fonts on the same banner. I can't tell whether the program is either ancient or very indignant, as it insists on being run from a floppy in the A: drive. This is a minor shortcoming as most people will not use this package often enough to warrant placing it on their hard drives.

MAXIRD25.ARC

I have a love hate relationship with this program. It is a writing style checker. What it does is analyze a document and report on its readability. It reports readability by grade level. This is a fun thing to play with as long as you don't mind it telling you that you write at the second grade level. A couple of months ago I fed it the text from some articles I had written for the ASCIItribe, and it promptly reported that I had written that material at the 8th or 9th grade level (pretty embarrassing huh!).

ARI.ARC

Are you in the market for a new car? If you are currently looking to buy a new car, this is right up your alley. This program has oodles of great information about most all of the 1988 cars. You can compare cost, size, fuel economy, operating cost, interior room, fuel tank capacity, front drive, rear drive, and a host of other hard to find information. This program was put together by a major auto leasing company who uses this information to help their customers find the right type of vehicle for their needs and budget.

CO.COM

This is the only program on the disk which is in a ready to run .COM format. It is a terrific utility program which allows you to copy, delete, move, and rename, files almost effortlessly. The program is so well done that I guarantee you will put it in the utility subdirectory of your hard drive after your first test drive. You may never use the DOS COPY command again!

87TAXES.ARC

This is probably the most timely set of files on this disk. If you like me you are just dying to know the Tax Reform Act of 1987 is going to affect you. Will you owe Uncle Sam huge sums of money? Did you really understand what that ridiculous W4 form was about? Well friends if you have Lotus 123 (either release 1A or 2.0X) you can get a grip on your tax liability long before you have to face your tax preparer. This file is a tax template containing the following forms, 1040, Schedule A, Schedule B, and 2441 Child care. So if your finances are reasonably simple this package may be all you need to fill out your own taxes and eliminate the cost of a professional preparer. Please note: I have not had the opportunity to extensively test this template. The Lower Bucks User Group assumes no liability whatsoever should you use this template and then run afoul of the IRS. Please double check your work!

That wraps it up for another disk of the month. I sincerely hope you find some of the programs contained on this disk either amusing, educational, or at least useable. If you have public domain software which you feel is of exceptional quality, please see either Arthur Brock or myself at the next meeting. We'll be happy to make arrangements where we can obtain a copy from you, and will be sure to put it on a future disk of the month.

87TAXES.ARC	31979	6.12.87	16.52
1987TAX.WK1	36359	6 Dec 87	
87TAXR1.WKS	36464	6 Dec 87	
TAXFORM.DOC	455	6 Dec 87	
ARI.ARC	106619	3.07.87	5.50
ARI.COM	43654	27 May 87	
CAR.DAT	48750	3 Jul 87	
CAR.INX	10998	3 Jul 87	
INFO.INC	1245	14 May 87	
LOGO.INC	1446	14 May 87	
RANK.CHN	38684	27 May 87	
SELECT.CHN	39153	27 May 87	
CO.COM	3990	26.10.87	14.31
MAXIRD25.ARC	129024	4.07.87	3.39
MAXITEST	2432	24 Apr 87	
MR.EXE	111214	4 Jun 87	
MRSSCREEN	46080	4 Jun 87	
ORDERMR	3072	19 Feb 87	
ORDERMR.BAT	19	17 Feb 87	
PRINTMR.BAT	910	4 Jun 87	
QUICKREF.DOC	48929	4 Jun 87	
QUICKREF.TXT	1945	4 Jun 87	
READ2.TXT	1945	4 Jun 87	
READMR.BAK	1866	17 Apr 87	
READMR.BAT	164	4 Jun 87	
READMR.TXT	1864	4 Jun 87	
POST.ARC	83219	1.01.80	1.00
POST.EXE	144896	1 Jan 80	
READ_ME.TXT	4650	13.01.88	12.58

LUG 006 Grafik

CONVERT	<DIR>	5.02.88	14.57
GO	BAT	13	5.01.88 21.32
GO	TXT	490	5.01.88 21.31
PRINSHOP	<DIR>	5.02.88	14.58

LUG 006\CONVERT

ICONVERT is a graphics format conversion program, which means ICONVERT allows graphics created in one type of software to be used in another. An example is to use PrintShop icons in Printmaster. In fact this program is an outgrowth of a Public Domain program I wrote for converting PrintShop to Printmaster to Fontasy formats. Though the concept is based on my earlier program, ICONVERT is really a totally different program, with many new conversions and functions. This release supports conversions TO/FROM PrintMaster (IBM and CBM versions), PrintShop (IBM and CBM versions), NewsMaster, Newsroom, FONTASY, Doodle (CBM de-facto standard), MacPaint, RLE (Compuserve Vidtex), BASICA BLOAD, Windows Paint, PC Paintbrush

GO	BAT	176	7.12.87	19.04
GO	TXT	292	4.02.88	1.44
ICONREAD	ME	20204	4.12.87	4.12
ICONVERT	000	11008	3.12.87	11.48
ICONVERT	001	27648	3.12.87	11.49
ICONVERT	002	22016	3.12.87	11.50
ICONVERT	003	34048	3.12.87	11.51
ICONVERT	004	30720	3.12.87	11.52
ICONVERT	005	24320	3.12.87	11.53
ICONVERT	006	22528	3.12.87	11.54
ICONVERT	COM	30881	3.12.87	11.54
START	TXT	3458	4.12.87	15.01

LUG 006\PRINSHOP

DOC	BAT	58	4.02.88	1.50
GO	BAT	176	7.12.87	19.04
GO	TXT	209	4.02.88	1.50
GRAPHIC5	DAT	42900	31.01.87	12.20
GRAPHIC5	DOC	1627	16.02.87	7.19
GRAPHIC5	NAM	1201	31.01.87	12.20
GRAPHIC6	DAT	45760	31.01.87	12.21
GRAPHIC6	DOC	1845	16.02.87	7.19
GRAPHIC6	NAM	1280	31.01.87	12.43
START	TXT	3458	4.12.87	15.01

PD Sammlungen

Die beim PCCTGM vorrätigen Disketten wurden mit einem '*' in der ersten Spalte gekennzeichnet. Wenn Sie eine PD-Diskette kaufen, überlassen Sie dem Club eine Kopie, wir können die Disketten für Unterrichtszwecke verwenden.

Zum Suchen eines Programms bieten sich folgende Möglichkeiten an:

1. Die TGM-Disketten 90-94 (siehe Beitrag 'PD detailliert'), beim Club erhältlich, enthalten das vollständige Verzeichnis (Kurzbeschreibung + Dateienverzeichnis) der hier nur mit dem Titel abgedruckten Public-Domain-Serien. Diese Disketten können auch direkt bei Firma MEDEK bezogen werden. Auf diesen Disketten befindet sich

auch ein Leseprogramm, mit dem nach Begriffen gesucht werden kann.

2. Im Anschluß an das PD-Disketten-Verzeichnis finden Sie im Beitrag 'PD geordnet' eine systematische Aufstellung über die PD-Disketten, die die jeweiligen Bestellnummern zu bestimmten Fachgebieten enthalten.

3. Als kleiner Ratgeber, ob denn die so gefundene Nummer auch 'gut' ist, könnte man vielleicht dem Beitrag 'PD top 100' entnehmen. Für jemanden, der noch nie mit PD zu tun hatte können diese top-100 eine Hilfe sein, sich nicht mit weniger brauchbaren Programmen herumschlagen zu müssen.

TURBO-SIX (T) (TGM-94)

Die Programme der Serie TURBO-SIX sind hauptsächlich für den Einsatz auf IBM-PC und Kompatiblen gedacht, jedoch kann es in Einzelfällen möglich sein, Programme auch für andere Betriebssysteme anzupassen. Die erste Zahl der Diskettennummer klassifiziert die Art der Programme auf den Disketten:

1. Betriebssystemorientierte Anwendungen und Routinen
2. Anwendungen und Routinen
3. Persönliche und Anwendungen für zu Hause
4. Geschäftsprogramme
5. Kommunikationsprogramme und Routinen
6. Spiele
7. Besondere Anwendungen
8. Wissenschaftliche- und Ingenieurs-Anwendungen
9. Grafik-Programme und Routinen
- D. Demoprogramme

T101 Updated 10/15/86 A set of enhancements to Turbo Pascal that use EXTERNAL assembler code to access and control the video display on an IBM-PC or clone. This code was developed and submitted by Turbo S.I.X. member Kevin Dahl. It provides an excellent example of using assembler and the EXTERNAL compiler directive to enhance Turbo Pascal by taking advantage of system dependent features.

*T102 A collection of routines and utilities for the IBM-PC and compatibles which illustrate a number of useful techniques including terminate stay resident, file

compression, memory management and more.

T103 If your applications need to get down to the system level, the programs and utilities on this disk will solve a lot of problems for you. You'll see how to run another program (a child process) from within a Turbo application, how to traverse the directory tree, how to protect your work with a backup/restore utility and a whole lot more. You'll need an IBM-PC or clone for most of these.

T104 AN ENHANCED VERSION OF THE TSR ROUTINES FROM DISK #102 PLUS AN EXAMPLE OF PROCEDURAL PARAMETERS FOR TURBO PASCAL MAKE THIS A SELECTION YOU'LL WANT TO ADD TO YOUR LIBRARY. AS IF THAT WEREN'T ENOUGH, ("AND GOSH PAUL DON'T YOU THINK IT SHOULD BE") YOU'LL SEE HOW TO INVOKE DOS FROM YOUR TURBO PROGRAMS AND MUCH MORE. AN IBM-PC OR CLONE IS NEEDED FOR MOST OF THESE ROUTINES.

T106 A collection of useful routines for the IBM-PC and compatibles which illustrate the use of DOS functions as called from your Turbo programs. Also you will find some very useful data structures that permit fast, easy direct manipulation of the video screen image. Thanks to Neil J. Reubenking for making these tools available. If you use them to create a commercially successful product, show your appreciation by sending Neil a contribution. See TURBO S.I.X. disk #102 for more examples of DOS functions and interrupts.

T201 A collection of useful general purpose routines that will save hours of development time. Includes a nice menu system, excellent window management, date and time manipulation and controlled data input.

T202 Another window management system, direct video output routines more TSR (Terminate, Stay Resident) routines including a Turbo help system plus keyboard and string handling make this a useful addition to your development tool box.

T203 More useful utilities and coding examples for the serious Turbo

programmer. High speed video I/O, Lotus 1-2-3 style menus, formatted output, source code crossreferencing and more.

T204 10/15/86 Here we have 18 useful programs and utilities, all written by Turbo S.I.X. members and submitted for inclusion in the library. All include source code, most are generic enough to run on any MS-DOS system and many can be compiled on CP/M machines with little or no modification. Thanks to Don Bowen, Roger Conant, John Hayslip and Richard Wisan for sharing their efforts.

T205 10/15/86 Another group of tools that you'll want to have available as you build applications using Turbo Pascal. Features the latest version of Don Bowen's generic windowing routines, a menu system, an "inline" assembler by Dave Baldwin and lots of other goodies.

*T206 Utilities and source code files that will help you clean up your source code and track down those illusive bugs. includes a couple of very useful utilities, complete with source from Turbo S.I.X. member Karson Morrison.

T207 This is the first of a two disk set containing the Turbo Screen Input PreProcessor developed by Turbo S.I.X. member Chris Maeder. This disk contains a compiled example program which is a composite beam design tool. You will also find the source code for menu and input screen form generators along with part of the source for the TSIPP system. You will find extensive documentation and the rest of the source code on disk #208. In addition to good documentation Chris' code provides an excellent example of thorough, useful commenting. The TSIPP system is designed for the IBM-PC environment.

T208 This is the second of a two disk set containing the Turbo Screen Input PreProcessor developed by Turbo S.I.X. member Chris Maeder. This disk contains most of the source code for the TSIPP system. Disk #207 contains the rest of the source code along with menu and input screen form generators. This disk also contains the documentation for the system. If you are looking for an example of well designed, well commented code you'll find it here. The

- TSIPP system is designed for the IBM-PC environment.
- T209** THANKS TO TURBO S.I.X. MEMBER J. ROCKFORD COGAR FOR THE BULK OF THE CODE ON THIS DISK. MUCH OF IT IS HIS OWN WORK, WITH THE REST BEING USEFUL PUBLIC DOMAIN UTILITIES AND SUCH THAT HE FOUND AND SENT ALONG TO SHARE WITH OTHER TURBO S.I.X. MEMBERS.
- T210** This diskette contains the source code for the listings in the book USING TURBO PASCAL, written by Steve Wood and published by Osborn/McGraw-Hill. In addition there are some routines and short programs that did not make it into the book. CP/M users should note that the material in the T-SCREEN subdirectory is not included on CP/M formatted diskettes as it is usable only on IBM-PC and compatible systems.
- T211** This diskette contains the source code for both the color and monochrome versions of T-SCREEN. T-SCREEN is a screen design system which allows you to develop data entry and information screens which take advantage of all the display features on an IBM-PC or compatible. User documentation and a compiled version of T-SCREEN are available on Turbo S.I.X. disk #212.
- T212** This diskette contains both a monochrome and a color version of a screen design system written by our own Steve Wood. It is called T-SCREEN and allows you to develop data entry and information screens which take advantage of all the display features on an IBM-PC or compatible. See TSCREEN.DOC for detailed documentation. The source code for T-SCREEN is available on Turbo S.I.X. disk #211.
- T213** CUSTOMIZE YOUR TURBO 3.00B OR 3.01A COMPILER WITH INSTX. WRITE MENU MODULES WITH THE MENU CODE GENERATOR. USE A JOYSTICK, LINK LISTS AND MORE WITH THE PROGRAMS AND ROUTINES ON THIS DISK. ALL THIS PLUS THE SOURCE LISTINGS FROM JEFF DUNTEMANN'S BOOK!
- T214** FORGE IS A USER SUPPORTED FORMS GENERATOR. ACTUALLY IT GENERATES OUTPUT FILES THAT CAN BE USED BY EITHER TURBO PASCAL OR DBASE III PROGRAMS AS INPUT SCREENS. THE DEMO PROGRAM PROVIDES SOURCE CODE TO ILLUSTRATE HOW THE INPUT FORM DATA IS USED IN A TURBO PASCAL PROGRAM.
- T215** BOX IS A USER SUPPORTED SCREEN DESIGN TOOL. IT IS WELL DESIGNED, WELL DOCUMENTED AND EASY TO USE. DG STANDS FOR DISPLAY GENERATOR. IT PERMITS YOU TO DESIGN DATA INPUT SCREENS AND THEN GENERATES A TURBO PASCAL PROGRAM TO DISPLAY THE INPUT SCREEN AND ACCEPT DATA ENTERED BY THE USER. BOTH IBM-PC AND CP/M VERSIONS ARE AVAILABLE. DG IS ALSO A USER SUPPORTED PRODUCT.
- T301** A home accounting system highlights this selection. It is a well documented shareware program written in Turbo Pascal. The only problem is that source code is not included and it is for IBM-PCs and compatibles only. Other selections include an address filer, a checkbook reconciler, a couple of programs for doing loan calculations and a few misc. utilities that you may find useful.
- T302** Updated 10/15/86 This disk is dedicated to word and text processing using Turbo Pascal. Besides a complete word processing program, you'll find a couple of simpler text editors and a some text filters and analysis tools including a simple spelling checker.
- T303** A home entertainment program for the musically inclined. A well documented shareware program written in Turbo Pascal. The source code is not included. It is for IBM-PCs and compatibles only. It allows you to play your computer keyboard like an organ and optionally save and edit the result with an easy to use, full featured "tune processor". You can save the resulting masterpiece as an executable .COM file. There are a
- number of these ready to play tunes included on this disk. Thanks to Turbo S.I.X. member Niel Rubenking for making his work available.
- T304** OVER 1/3 MEG. OF PROGRAMS AND UTILITIES FOR USE AT HOME OR AT THE OFFICE. AND EVERY ONE INCLUDES SOURCE CODE! MOST ARE BY TURBO S.I.X. MEMBERS AND MANY ARE BUILT ON CODE FROM OUR LIBRARY.
- T401** THIS DISK CONTAINS LQ, A USER SUPPORTED PROGRAM THAT ALLOWS YOUR INEXPENSIVE 9 PIN PRINTER TO PRINT IN NEAR LETTER QUALITY USING A NUMBER OF TYPE STYLES. SUPPORTS SUPER/SUBSCRIPTS, GRAPHICS AND MORE. CONTROL FILES ARE PROVIDED FOR MOST POPULAR PRINTERS IN THIS CLASS OR YOU CAN CREATE CUSTOM CONTROL FILES.
- T402** This diskette contains two major applications, each including commented source code and documentation. The first is a general purpose data file update and maintenance program. It is mostly generic, though this version has some MS-DOS dependent code. It should be easy to make the needed changes for CP/M systems. The program is well organized and with some work on the user interface could be useful. The second program was written by our own Steve Wood for his book Using Turbo Pascal. It is generic and should compile on any Turbo system. While it is a single purpose program, (loan amortization) a lot of the data input routines could be used in any applications that requires verified, formatted data entry. Disk #401 has a version of this program that was written for IBM-PCs and clones which performs much better in that environment.
- T403** TURBO S.I.X. MEMBER JIM HAAS PROVIDES A USEFUL DOS SHELL CALLED HARD DISK MENU. IT IS WELL DOCUMENTED AND ON-LINE HELP IS AVAILABLE. ALSO ON THIS DISK IS A NICE APPOINTMENT/TICKLER SYSTEM WITH SOURCE CODE INCLUDED. THE DISK IS

- FILLED OUT WITH SOME FUN PROGRAMS TO GIVE YOU SOMETHING TO DO AT BREAK TIME.
- T501 This disk contains the compiled object code for a comprehensive communications and terminal emulation system. The source code (over 30,000 lines) is available on disks #502 & 503 of the Turbo S.I.X. library. This code was developed by Philip Burns of Northwestern University in Evanston IL. It is a classic example of the kind of useful, quality code being produced in the public domain community. We try to keep things simple by not using compressed files for disks in the Turbo S.I.X. library. We've made an exception in the case of PIBTERM. To "decompress" the files on this disk you'll need to use the ARC utility included on this disk. For example, to expand the files in the archive file PIBT325A.ARC and place the resulting files on drive B:, you would enter this command: ARC E PIBT325A B: <ENTER> Complete instructions for using PIBTERM can be found in the file PIBTERM3.DOC which is archived in PIBT325C.ARC. PIBTERM requires an IBM-PC or compatible system.
- T502 Disk 1 of a two disk set containing source code for a complete communications and terminal emulation system. The compiled, executable version is available on disk #501 of the Turbo S.I.X. library. This code was developed by Philip Burns of Northwestern University in Evanston IL. There are over 34,000 lines of well structured, well commented code here that will be of interest to most Turbo programmers. You'll find useful techniques for windowing, exiting to DOS then returning to an application, critical error trapping and much more. So, even if you're not interested communications, you would do well to check out this material. We try to keep things simple by not using compressed files for disks in the Turbo S.I.X. library. We've made an exception in the case of PIBTERM. To "decompress" the files on this disk you'll need to use the ARC utility included on this disk. For example, to expand the files in the archive file PIBT3DOC.ARC and place the resulting files on drive B:, you would enter this command: ARC E PIBT3DOC B: <ENTER> Complete instructions for using PIBTERM can be found in the file PIBTERM3.DOC which is archived in PIBT3DOC.ARC. You will find another documentation file in that archive which documents the procedure you must follow to successfully compile the program. Note that you will need an IBM-PC or close compatible, version 3.0 or later of Turbo Pascal and about two meg of disk space. In other words, a hard disk. Remember that the compiled version is available on disk #501 and a hard disk is not required to run the program. Even if your system won't compile the program, you should consider having the source code for reference and as a source of numerous useful routines.
- T503 Disk 2 of a two disk set containing source code for a complete communications and terminal emulation system. The compiled, executable version is available on disk #501 of the Turbo S.I.X. library. This code was developed by Philip Burns of Northwestern University in Evanston IL. There are over 34,000 lines of well structured, well commented code here that will be of interest to most Turbo programmers. You'll find useful techniques for windowing, exiting to DOS then returning to an application, critical error trapping and much more. So, even if you're not interested communications, you would do well to check out this material. We try to keep things simple by not using compressed files for disks in the Turbo S.I.X. library. We've made an exception in the case of PIBTERM. To "decompress" the files on this disk you'll need to use the ARC utility included on this disk. For example, to expand the files in the archive file PIBT3SP3.ARC and place the resulting files on drive B:, you would enter this command: ARC E PIBT3SP3 B: <ENTER> Complete instructions for using PIBTERM can be found in the file PIBTERM3.DOC which is archived in PIBT3DOC.ARC on disk #502. Also there is a documentation file in that archive which documents the procedure you must follow to successfully compile the program. Note that you will need an IBM-PC or close compatible, version 3.0 or later of Turbo Pascal and about two meg of disk space. In other words, a hard disk. Remember that the compiled version is available on disk #501 and a hard disk is not required to run the program. Even if your system won't compile the program, you should consider having the source code for reference and as a source of numerous useful routines.
- T504 A high quality communications program plus source code for a useful terminal program and a set of routines in a .INC file that show how to twiddle the bits of the COM ports.
- T505 & 506 THIS 2 DISK SET CONTAINS AN ENHANCED VERSION OF THE RENOWNED QMODEM COMMUNICATIONS PROGRAM BY JOHN FRIEL III. THE MAJOR ENHANCEMENT IS THE IMPLEMENTATION OF A SCRIPT LANGUAGE. THIS MAKES IT POSSIBLE TO CREATE SCRIPT FILES THAT CONTROL QMODEM. THIS MAKES REPETITIVE PROCEDURES AND REMOTE OPERATION EASIER. BESIDES ADDING SCRIPT CONTROL, A NUMBER OF BELLS AND WHISTLES HAVE BEEN ADDED. NOTE THAT WE HAVE NOT REPLACED THE EARLIER VERSION OF QMODEM FOUND ON DISK #504. FOR THOSE WHO DON'T NEED THE EXTRA FEATURES, THE SMALLER SIZE OF THE "OLD" VERSION CAN BE AN ASSET. IF YOU'RE LIKE US, YOU'LL PROBABLY USE BOTH WITH YOUR CHOICE DEPENDENT ON WHAT NEEDS TO BE DONE.
- T507 THIS ADDITION TO THE COMMUNICATIONS CATEGORY PROVIDES A MINIBBS, A SIMPLE BUT USEFUL COMMUNICATIONS PROGRAM, AND SOURCE CODE FOR A DUMB TERMINAL PLUS ASYNC PORT ACCESS AND MANIPULATION.
- T601 Play games and learn sophisticated graphics techniques with this series of animated games from Turbo S.I.X. member Don Pavia. You'll need an IBM-PC or clone with a Color Graphics

Adapter. You'll be amazed at what you can do using the tools that Don has developed. See disks 901, 903 and 904 for more examples of his work.

- T602 Try your own strategies for the great sea battles of WWII with War At Sea by Turbo S.I.X. member David Jackson. If you prefer to use your computer for more peaceful pursuits, try Neil Rubenking's MAKAMOV to create animated sequences. Graphics NOT required, but both are for IBM-PC or compatible systems.
- T605 More fun programs from Turbo S.I.X. member Don Pavia. If you've got any of the other disks he has contributed, you know you're in for a treat. Not only are these programs fun, but you'll find lots of useful coding techniques and ideas. Requires an IBM-PC or clone with Color/Graphics Adapter.
- T603 Put a little fun in your life as you learn lots of Turbo programming tricks. A big collection of classic and innovative games written in Turbo. Some use system specific code, but many are generic enough that they will run as is on most machines.
- T604 Fun and educational too! If you have some young future coders around the house, or want to see how to design games that use sound, graphics and animation, you'll want to check out the programs on this selection. They are all from Turbo S.I.X. member Don Pavia. If you have any of his other selections, you know this means well designed, well commented code. Requires an IBM-PC or clone with Color/Graphics Adapter.
- T606 IF ACTION AND ADVENTURE ARE YOUR CUP OF TEA, YOUR CUP RUNETH OVER WITH THIS NEW ADDITION TO THE GAMES CATEGORY. ALL THREE OF THE GAMES ON THIS DISK ARE "ACTION" ADVENTURES AS OPPOSED TO THE "TEXT ONLY" ADVENTURES THAT YOU LIKELY HAVE SEEN. TWO OF THE THREE INCLUDE SOURCE CODE SO YOU CAN USE THEM TO GET PROGRAMMING IDEAS FOR YOUR OWN GREAT ADVENTURE.
- T607 DISK #607 IS ANOTHER SELECTION FOR THE FANTASY/ADVENTURE

CROWD. DMA (DUNGEON MASTERS ASSISTANT) IS DESIGNED TO ASSIST THE DUNGEON MASTER IN CREATING CHARACTERS AND TRACKING THE ACTION IN A D&D ROLE PLAYING ADVENTURE. NOTE THAT THIS IS NOT AN ADVENTURE GAME, RATHER IT IS A TOOL TO ASSIST THOSE WHO ENGAGE IN THESE TYPES OF GAMES. DMA IS A USER SUPPORTED PRODUCT AUTHORED BY TURBO S.I.X. MEMBER STEPHEN EDWARDS. BOTH THE SOURCE CODE AND A COMPILED VERSION ARE INCLUDED ON THIS DISK. ONE REASON FOR THIS IS THAT THE BCD VERSION OF TURBO WAS USED AND YOU WON'T BE ABLE TO COMPILE IT WITH A NON-BCD COMPILER WITHOUT MODIFYING THE CODE. IN ORDER TO GET BOTH THE SOURCE CODE AND A COMPLETE RUNABLE SYSTEM ON THIS DISK IT WAS NECESSARY TO ARCHIVE THE COMPILED CODE. TO EXTRACT THE ARCHIVED FILES, COPY ARC.EXE AND DMA-PC.ARC ONTO A FORMATTED DISK AND USING THAT DISK, TYPE... ARC E DMA-PC <ENTER>.

- T701 This disk contains source and object code for a p-code Pascal compiler. It is a well documented program that will be of value to students and others who want to learn about compiler design and implementation. While the source code itself is sparsely commented, the documentation files are very thorough. The compiler follows the standard set forth by Jensen and Wirth. File I/O is not implemented in this release. FACILIS is the result of a group effort by individuals who gather electronically via the BBS of John Naleszkiewicz. It illustrates the public domain spirit and all involved deserve our thanks. Note that this is the same code that is available from PC-SIG as disk #424.
- T702 If you are interested in astronomy, you will find the programs on this disk of interest. PLANETS provides detailed data on the position, distance,

magnitude etc. for each planet and selected comets. In addition it will plot the orbital and skyview of the above for a selected date and time. MOONBEAM provides astronomical details about our nearest neighbor in space for any date and time. You can also choose to display a star chart for the selected date and time based on the Yale Observatory bright star database. The source code for MOONBEAM is not provided, but is available from the author. Finally, OPTICS computes various parameters of a reflecting telescope. You'll need an IBM-PC or clone with CGA for PLANETS and MOONBEAM.

- T703 IF YOU NEED TO ACCESS DATA IN DBASE OR LOTUS FILES FROM YOUR TURBO PROGRAMS THE EXAMPLES ON THIS DISK MAY BE OF HELP. THERE IS ALSO A NICE MEMORY RESIDENT UTILITY FOR CONTROLLING YOUR HP-LASER PRINTER. ON THE OTHER HAND, MAYBE YOU OR SOMEONE YOU KNOW IS JUST GETTING STARTED WITH TURBO PASCAL. IF SO, THE TURBO TUTORIAL WILL BE OF INTEREST.
- T801 A plethora of software tools for scientists, engineers and other mathematical types. Whether you are doing statistical analysis or plotting fractals, chances are you'll find some useful ideas here. There are over 105 files covering many subject areas. Some require an 8087 math coprocessor, but many are generic.
- T802 TURBO GURU PHIL BURNS AND TURBO S.I.X. MEMBERS FROM MICHIGAN USA AND CARACAS VENEZUELA CONTRIBUTED MATERIAL FOR THIS DISK. INCLUDED ARE PLOTTING ROUTINES, CALCULATORS (INCLUDING ONE FOR MICE), EQUATION SOLVERS AND A PRINTER CONTROLLER.
- T803 LARRY PUHL, AUTHOR OF THE POPULAR PLANETS PROGRAM ON DISK #702 PROVIDES THE FIRST TURBO PROLOG APPLICATION BE INCLUDED IN THE TURBO S.I.X. LIBRARY. CHEMICAL IS AN EXPERT SYSTEM THAT ALLOWS

THE USER TO GRAPHICALLY MANIPULATE CHEMICAL ELEMENTS AT THE ATOMIC LEVEL. A KNOWLEDGE OF CHEMISTRY IS REQUIRED FOR ANY SERIOUS USE. HOWEVER, WE WERE ABLE TO CREATE A WATER MOLECULE ON THE THIRD TRY WITHOUT READING THE DOCUMENTATION! SERIOUSLY, THIS LOOKS LIKE A GREAT EDUCATIONAL TOOL. CHECK IT OUT IF YOU'RE AT ALL INTERESTED IN CHEMISTRY. REQUIRES AN IBM-PC OR COMPATIBLE WITH A CGA OR EGA VIDEO CARD.

- T901 An outstanding tool for creating graphics sprites and doing animation with your IBM-PC (or compatible) with a Color/Graphics Adapter. This is from Turbo S.I.X. member Donald Pavia and is top quality work. Don provides lots of well commented demo programs with source code and will provide source code for the design and composition tools for a modest fee.
- T902 Explore the graphics capabilities of Turbo Pascal and your IBM-PC with this group of graphics demos, utility routines and even a tutorial on the math behind the graphs.
- T903 A commercial quality utility that simplifies the design and use of special graphics fonts for the IBM-PC and compatibles. This is the excellent work of Turbo S.I.X. member Donald Pavia. If you are using an IBM or compatible system with a Color/Graphics adapter, this is a 'must have' addition to your tool box.
- T904 Updated 10/15/86 The perfect tool to hone your artistic talents. TPAINT by Turbo S.I.X. member Donald Pavia turns your IBM-PC or clone (mouse & Color Graphics adapter required) into a veritable artists palate. This is a very well done system. It's comparable to the commercial offerings available and even includes a conversion utility that allows you to use "paintings" created with the most popular programs of this type.
- T905 A SET OF ROUTINES FOR USING GRAPHICS ON A SYSTEM EQUIPPED WITH

AN EGA VIDEO CARD. MOST REQUIRE AN IBM-PC OR CLONE AND A 256K+ EGA CARD. FROM TURBO S.I.X. MEMBER DONALD PAVIA, AUTHOR OF TURBO PAINT AND SEVERAL OTHER NOTABLE GRAPHICS ORIENTED DISKS IN THE LIBRARY.

- T906 THIS DISK CONTAINS A SET OF EGA TOOLS FOR BOTH TURBO PASCAL AND MICROSOFT 'C'. WE INCLUDED THE 'C' CODE SINCE IT PROVIDES AN OPPORTUNITY TO COMPARE THE LANGUAGES. THIS IS A USER SUPPORTED PRODUCT BY KENT CEDOLA AND NO DOUBT REPRESENTS MANY HOURS OF WORK. THE DISK IS FILLED OUT WITH SOME PLOTTING ROUTINES BY TURBO S.I.X. MEMBER TOM KINNEY.

- TD01 This disk contains DEMO versions of two useful programs written in Turbo Pascal. In each case, a full working version is available from the author(s). TURBO-SCREEN is a screen design tool and code generator. The demo version is limited to 25 variables (input fields) per screen vs 255 for the full version. Also the full version generates Turbo Pascal source code based on the screens you create. The SAMPLE program provides an example of the generated code. The full is available for \$30.00. TAGDEMO is a limited (only works with 10 files at a time) DOS shell type program. It is very well done and is comparable to the better commercial entries in this field. The unlimited version goes for \$34.95 and is very useful for things like cataloging Turbo S.I.X. disks! Complete source code is also available, albeit at the significant cost of \$154.95. You'll need an IBM-PC or compatible for these. TBS is best with a CGA or EGA card although it's not a requirement.

- TD02 THIS DISK CONTAINS DEMO VERSIONS OF TWO USEFUL PROGRAMS WRITTEN IN TURBO PASCAL. IN EACH CASE, A FULL WORKING VERSION IS AVAILABLE FROM THE AUTHOR(S). A COUPLE OF SHAREWARE PROGRAMS

HAVE BEEN INCLUDED TO FILL OUT THE DISK.

- TD03 THIS DISK CONTAINS A DEMO VERSION OF A USEFUL PROGRAM WRITTEN IN TURBO PASCAL. A FULL WORKING VERSION IS AVAILABLE FROM THE AUTHOR. YOU'LL NEED AN IBM-PC OR COMPATIBLE FOR THIS PROGRAM.
- TD04 THIS DISK CONTAINS A DEMO VERSION OF A USEFUL PROGRAM WRITTEN IN TURBO PASCAL. A FULL WORKING VERSION IS AVAILABLE FROM THE AUTHOR.

TUG TURBO User Group (TGM-94)

- *TUG L I N E S #001
- *TUG L I N E S #002
- TUG L I N E S #003
- *TUG PC LIBRARY #001
- *TUG PC LIBRARY #002
- *TUG PC LIBRARY #3
- TUG PC LIBRARY #4
- TUG PC LIBRARY #5
- TWPASDOS001: PAR: PERSONAL ACCOUNTING RECORDS
- TWPASDOS002: CHECK BOOK TRACER - RINGER - SPANISH TUTOR
- TWPASDOS003: NOTEBOOK - PRINT MANAGER FOR TURBO EDITOR
- TLMISDOS004: MISCELLANEOUS PROGRAMS
- TWPASDOS004: NOTEBOOK - DISKTREE - HDMENU
- TWPASDOS005: CHECKSUM - ENCODE/DECODE - CROSSREFERENCE - TEXT/UNTEXT
- TWPASDOS006: CREATE FONTS - FKEY-LBL - GDL
- TWPASDOS007: TURBO SCREEN INPUT PRE-PROCESSOR TOOLKIT, DISK 1 OF 2
- TWPASDOS007: TURBO SCREEN INPUT PRE-PROCESSOR TOOLKIT, DISK 2 OF 2

PC-SIG (S) (TGM-90,91,92)

- *S001 GAMES #1
- *S002 SPOOLERS
- *S003 RATBAS
- *S004 DBMS/MODEM7
- *S005 PC-FILE III
- *S005 PC-FILE III
- S006 RAM DISK
- *S007 EXPLIST
- *S008 CROSSREF

Der Kupon zum Erfolg.



Schlüssel zur 1. Wohnung. Wie man sucht und findet, wie man einzieht ohne ausgenommen zu werden, steht in der Broschüre „Meine ersten eigenen vier Wände“. Gratis in jeder CA-Außenstelle. Mit diesem Kupon.

Name _____
 Adresse _____

 Geburtsdatum _____



CREDITANSTALT

Der Kupon zum Erfolg.



Fahrkurs, preisgebremst. Wozu ins Schleudern kommen, wenn es doch einen Fahrtechnikkurs vom ÖAMTC gibt? Noch dazu für CA-Jugend und Studentenkonten-Besitzer um 2/3 billiger als sonst. Prospekte dazu bekommen Sie mit diesem Kupon in jeder CA-Filiale.

Name _____
 Adresse _____

 Geburtsdatum _____



CREDITANSTALT

- *S009 SQUISH
- *S010 CHASM
- *S011 SPEEDUP
- *S012 DEMO3
- *S013 PDRAW
- *S014 BARGRAPH
- *S015 COLORDemo
- *S016 GAMES
- *S017 GAMES #2
- *S018 IQBUILD
- *S019 ARCHIE
- *S020 DRAW
- *S021 PC-MAN
- *S022 CHECKDIR
- *S023 BOWLING
- *S024 GAMES #3
- *S025 FINANCE
- *S026 BOOK INDEX
- *S027 ZOOSORT
- *S028 DISKMODF
- *S029 FINANCE
- *S030 PASCAL I/O
- *S031 MVP-FORTH
- S032 MVP-FORTH 2
- *S033 DIR
- *S034 SDIR22
- *S035 GAMES #4
- *S036 PASCAL
- S037 GAMES #5
- S038 DRAW
- S039 FLIGHT SIMULATOR
- S040 STOCK MARKET ANALY-
SER
- *S041 KERMIT COMMUNICATION
SYSTEM VERSION 2.26A
- *S042 KERMIT COMMUNICATION
SYSTEM VERSION 2.26A
- S043 EXIDY WORD PROCESSOR
DEMO
- S044 GAMES #6
- S045 GAMES #7
- *S046 UTILITIES #1
- S047 CASTLE
- S048 RUNOFF
- S049 FINISH
- S050 ROFF
- *S051 HYPERDRIVE
- S052 FREE4
- S053 SOUNDS
- S054 XMODEM
- S055 GAMES #8
- S056 KEYBOARD UTILITIES
- S057 TEXT PROCESSING TOOLS -
VOLUME 1
- S058 TEXT PROCESSING TOOLS -
VOLUME 2
- S059 PEPSON, FASTPRT, QUICK-
REF
- S060 UTIL, MAKE, BASREF
- *S061 PRINTGR, IPCO PROGRAMS
- S062 APPLICATIONS
- S063 WITHDRAWN
- S064 DESKTOP - VOLUME 1
- S065 DESKTOP - VOLUME 2
- S066 GINACO PROGRAMS
- S067 NONLIN
- S068 WORDFLEX WORD PRO-
CESSOR VERSION 1.34
- S069 DESIGNER
- S070 DISKCAT
- S071 GAMES #9
- *S072 GAMES #10
- *S073 3D
- S074 PASCAL UTILITIES DEMO
FROM SOFTWARE LABS
- S075 FORMS MANAGER DEMO
- S076 HISTORY EDUCATION
- S077 1RD
- *S078 V2.4 PC-WRITE VERSION 2.4
- S079 RAMDRIVE
- S080 UTILITIES #2
- S081 COMMUNICATIONS
- S082 BATCH FILE UTILITIES
- S083 FRED
- S084 UTILITIES #3
- S085 VISICALC TEMPLATES
- S086 SCREEN TEXT EDITOR
- *S087 PROGRAMMER'S CALCU-
LATOR
- S088 EPISTAT STATISTICS
PACKAGE VERSION 3.0
- S089 TOOLS
- S090 GENEALOGY ON DISPLAY
VERSION 3.0
- S091 ADVENTURE
- S092 MUSIC
- *S093 ASMGEn
- S094 LADYBUG VERSION 1.0C
- S095 MATH TUTOR
- S096 THE SOURCE INTRODUC-
TION - VOLUME 1
- *S097 THE SOURCE - VOLUME 2
SAMPLE OF FREE BBS
FUNCTIONS
- *S098 SOURCE & COMPUSERVE
ACCESS PHONE NUMBERS
11/83
- S099 PUBLIC BBS & COMPU-
SERVE IBM SIG - AS OF
11/83
- *S100 GAMES #11
- *S101 THE PORTWORTH
PACKAGE
- *S102 DBASE II AD AGENCY AC-
COUNTING PACKAGE
- *S103 COMPUSERVE & BBS
SAMPLER
- *S104 COMPUSERVE SAMPLER
- *S105 PC PROFESSOR BASIC TU-
TORIAL
- *S106 DISKCAT 4.0
- *S107 HOME FINANCE
- *S108 APL
- *S109 BBS UTILITIES #1
- *S110 BBS UTILITIES #2
- *S111 BBS UTILITIES #3
- *S112 COMPUTER SECURITY
PACKAGE VERSION 1.53
- *S113 3 USER-SUPPORTED PRO-
GRAMS
- *S114 ASSEMBLY LANGUAGE
TUTORIAL AND MORE
- *S115 UTILITIES #4
- *S116 MICROGOURMET - VO-
LUME 1
- *S117 MICROGOURMET - VO-
LUME 2
- *S118 QSYS DOS MENU & SECU-
RITY PACKAGE VERSION
2.0
- *S119 ABC DATABASE
- *S120 PC-CHESS
- *S121 LETUS A-B-C #1
- *S122 LETUS A-B-C #2
- *S123 LETUS A-B-C #3
- *S124 EXTENDED BATCH LAN-
GUAGE VERSION 2.0 BY
SEAWARE
- *S125 HOST-III PUBLIC BULLETIN
BOARD PACKAGE
- *S126 DBASE II ITEMS
- *S127 PC-MUSICIAN VERSION 1.6
- *S128 DBASE II UTILITIES
- *S129 PC-DIAL
- *S130 PASCAL TOOLS - VOLUME
1
- *S131 PASCAL TOOLS - VOLUME
2
- *S132 PASCAL TOOLS - VOLUME
3
- *S133 ULTRA-UTILITIES 4.0
- *S134 LISP
- *S135 BBS UTILITIES #5
- *S136 PC-PICTURE GRAPHICS BY
E. YING
- *S137 C SCREEN EDITOR
- *S138 BBS UTILITIES #6
- *S139 BBS UTILITIES #7
- *S140 BBS UTILITIES #8
- *S141 BBS UTILITIES #9
- *S142 BBS UTILITIES #10
- *S143 BBS UTILITIES #11
- *S144 FABULA 1
- *S145 FABULA 2
- *S146 EASYRITE/LABELFILE
FROM GINACO
- *S147 SDB - A SIMPLE DATABASE
SYSTEM
- *S148 XLISP VERSION 1.4
- *S149 C UTILITIES
- *S150 IBM BBS BY GENE PLANTZ
- *S151 FINANCE MANAGER FROM
GENESIS SOFTWARE VER-
SION 3.0
- *S152 RBBS FOR THE IBM PC
- *S153 NORLAND SOFTWARE
HANGMAN VERSION 4.1
- *S154 PRINTER ART
- *S155 BUDGET-TASKPLAN-LOAN
- *S156 IBM USERS GROUP NEWS-
LETTER #1
- *S157 IBM USERS GROUP NEWS-
LETTER #2
- *S158 IBM USERS GROUP NEWS-
LETTER #3
- *S159 PC FIRING LINE/PC UN-
DERGROUND #1
- *S160 PC FIRING LINE ISSUE 2
VOLUME 1
- *S161 PC FIRING LINE ISSUE 2 -
PART 2
- *S162 BASIC NECESSITIES VER-
SION 1.12
- *S163 DSCREEN AND TEXT FIL-
TERS

- *S164 TELEWARE PERSONAL FINANCE MANAGER VERSION 4.4
- *S165 PERSONAL GENERAL LEDGER
- *S166 IBM MACRO ASSEMBLER ITEMS
- *S167 BASIC AIDS
- *S168 MUSIC AND EDUCATIONAL ITEMS
- *S169 MAILING LIST PROGRAMS
- *S170 SPREADSHEETS (DOS 2.0 OR LATER REQUIRED)
- *S171 MISC FINANCIAL ITEMS
- *S172 STEVE'S DISK
- *S173 PCMAN & ESP
- *S174 GAME MIXTURE
- *S175 SIMULATION & BOARD GAMES
- *S176 SPACE INVADERS AND GRAPHICS DEMOS
- *S177 ARCADE GAMES
- *S178 STARTREK, CHESS AND MISC GAMES
- *S179 PIZZA & CHECK REGISTER SYSTEMS
- *S180 MATH AND STATISTICS ROUTINES
- *S181 KEYBOARD UTILITIES
- *S182 EASYFILE, AUTOFILE AND TIME, DATE UTILITIES
- *S183 SUNDRY DOS UTILITIES
- *S184 DISKETTE UTILITIES
- *S185 DISKETTE UTILITIES
- *S186 CRT AND EPSON PRINTER UTILITIES
- *S187 DATA COMMUNICATIONS ITEMS
- *S188 MINTEL COMMUNICATIONS SYSTEM VERSION 1.0
- *S189 TECH PRINT VERSION 2.01
- *S190 TEXT EDITORS AND MISC
- *S191 DVED SCREEN EDITOR, EASEL & EASYGRAF
- *S192 HEALTH/RISK
- *S193 FREEWILL
- *S194 ROFF AND FOGFIND
- *S195 GRAFH2 & SKETCH
- *S196 BBS UTILITIES #12
- *S197 BBS UTILITIES #13
- *S198 BBS UTILITIES #14
- *S199 PC-CALC
- *S200 IBM USERS GROUP NEWSLETTER #4
- *S201 WORDSTAR AND FINANCIAL ITEMS
- *S202 MIT/ISI COMM GROUP
- *S203 GAMES & MUSIC
- *S204 COPY & DELETE UTILITIES
- *S205 BATCH AND MISC DOS UTILITIES
- *S206 BASIC AIDS & MATH
- *S207 LOTUS 123 TEMPLATES AND TOOLS
- *S208 GRAPHICS, PRINTER ART, GAME, MUSIC
- *S209 ARCADE GAMES (COLOR GRAPHICS REQUIRED)
- *S210 CASTLE GAME
- *S211 JUSTIFY AND SPEED READER DEMO
- *S212 VIDS2 RBBS VERSION 12.2
- *S213 ADVENTURE GAME COMPILER
- *S214 DATA BASE OF STEEL - VOLUME 1 VERSION 3.1
- *S215 DATA BASE OF STEEL - VOLUME 2 VERSION 3.1
- *S216 "C" UTILITIES
- *S217 ELIST AND DISK ALIGNMENT
- *S218 ADDRESS MANAGER
- *S219 MAPMAKER
- *S220 PROWRITER UTILITIES (S&F)
- *S221 NEC 8023A UTILITIES (S&F)
- *S222 TRANSTAR UTILITIES (S&F)
- *S223 ASSEMBLY/PASCAL UTILITIES
- *S224 GRAY GORDON'S PC-CALC
- *S225 PC-FONT
- *S226 FREECOPY
- *S227 FINANCE
- *S228 GAMES
- *S229 FUNNELS & BUCKETS
- *S230 THE CONFIDANT VERSION 2.0
- *S231 REFLIST
- *S232 SPPC SYSTEM
- *S233 NEWBASE
- *S234 TPNALC
- *S235 PARTS INVENTORY CONTROL
- *S236 PRINTER
- *S237 PC-GENERAL LEDGER VERSION 1.0
- *S238 SPRITE
- S239 IPCO GRAPH AND HIGHER MATH MIX
- S240 FT-ETC GENEALOGY
- S241 PCJR EDUCATIONAL GAMES
- S242 SAGE TRADER
- S243 SAGE CALENDAR/TAG
- S244 SLIDE GENERATION
- S245 ULTRA-UTILITIES FILES - UNSQUEEZED
- S246 STOCK CHARTING SYSTEM
- S247 BOBCAT - BUSINESS DATABASE
- *S248 MATH LIBRARY
- S249 EQUATOR/PC-TOUCH EDUCATIONAL PROGRAMS
- S250 SYSMENU
- S251 TIME AND MONEY
- S252 LISTMATE VERSION 1.0
- S253 3X5 CARD
- S254 V1 DS2 PC-DOS HELP
- S255 UTILITIES #5
- S256 UTILITIES #6
- S257 UTILITY 1-2-3
- S258 COMMUNICATIONS
- *S259 "C" ADVENTURE
- S260 GAMES #13
- S261 PERSONAL DATEBOOK & OTHER APPLICATIONS
- S262 PC-GOLF
- *S263 LAXON & PERRY FORTH - VOLUME 1
- *S264 LAXON & PERRY FORTH - VOLUME 2
- S265 GRAPHICS & PRINTER ITEMS
- S266 NAEPIRS
- S267 DATA BASE OF STEEL - VOLUME 3 VERSION 3.1
- S268 DATA BASE OF STEEL - VOLUME 4 VERSION 3.1
- S269 BETATOOL'S BASIC DEVELOPMENT SYSTEM
- S270 SDIRECTORY ON DISK - VOLUME 1
- S271 SDIRECTORY ON DISK - VOLUME 2
- S272 SDIRECTORY ON DISK - VOLUME 3
- *S273 TOP UTILITIES
- *S274 TOP GAMES
- S275 PC-CHECK/PC-PRINT
- S276 COLLIST 2.0
- S277 FINDFILE
- S278 QSYS 3.0 DOCUMENTATION
- S279 PLANOMAN
- S280 BIBLIOGRAPHIC
- S281 RECIPE INDEX
- S282 APPLICATIONS
- S283 UTILITIES #7
- S284 UTILITIES #8
- S285 WHIZZARD SCREEN
- S286 PC-VT
- S287 FILE EXPRESS #1
- S288 FILE EXPRESS #2
- S289 POWER-WORKSHEETS
- S290 TAX 84 - LOTUS 1-2-3 TAX WORKSHEETS
- S291 TAX 84 - MULTIPLAN TEMPLATES
- S292 SPACEWAR
- *S293 ARCADE GAMES
- S294 EDIT - V1.11
- S295 TAX-FILE
- S296 EAMAN MASTER
- S297 EAMAN DESIGNER & UTILITIES
- S298 PASCAL PROGRAMS/ADVENTURE
- S299 MIXTURE
- S300 CUBS/INV
- S301 1-2-3 WORKSHEETS, TECH NOTES, UTILITIES
- S302 1-2-3 WORKSHEETS
- S303 1-2-3 WORKSHEETS, DEMO, TECH NOTES
- S304 1-2-3 MACRO LIBRARY & WORKSHEETS
- S305 SYMPHONY WORKSHEETS #1
- S306 SYMPHONY WORKSHEETS #2
- *S307 ASSEMBLY UTILITIES
- S308 ASSEMBLY PROGRAMS
- S309 ASSEMBLY PROGRAMS
- S310 QMODEM COMMUNICATIONS
- S311 THE MOVIE DATABASE

- S312 SCREEN DESIGN AID AND FORMS
 *S313 MSC. BUSINESS
 *S314 C SOURCE #1
 *S315 C SOURCE #2
 S316 COMMUNICATIONS UTILITIES
 S317 DATABASE PROGRAMS
 S318 DBASE II PROGRAMS
 S319 UTILITIES
 S320 TOUCHTYPE
 *S321 HOME APPLICATIONS
 S322 MORE MUSIC
 S323 TRANSTOCK
 *S324 TURBO PASCAL PROGRAMS
 S325 LOGON/OFF
 S326 EPSON PRINTER UTILITIES
 S327 TRIVIA 1
 S328 TRIVIA 2
 S329 MORE TRIVIA
 S330 LEDGER AND BUSINESS
 S331 PC-STOCK/PC-GL
 S332 KLP VERSION 1.9
 S333 FIDO BULLETIN BOARD SYSTEM
 S334 RBBS SYSTEM 2 OF 2
 S335 MODS FOR PC-TALK
 S336 ABD DESIGN #1
 S337 ABC DESIGN #2
 S338 SYSCOMM
 S339 CREATOR
 S340 INFOBASE
 *S341 C PROGRAMS
 S342 GOLF SCORECARD
 S343 WORD PROCESSING
 *S344 PC-KEY-DRAW #1
 *S345 PC-KEY-DRAW #2
 S346 COLOR PAINT
 *S347 PC-FOIL
 S348 LETUS A-B-C (TM) #4 (VOLUME 121)
 S349 LETUS A-B-C (TM) #5 (VOLUME 121)
 S350 LETUS A-B-C (TM) #6 (VOLUME 121)
 *S351 TURBO TOOLS
 *S352 3 FORTHS
 *S353 TURBO PROGRAMS
 S354 PC JR. GAMES
 *S355 PC-ZAP
 *S356 FANSI-CONSOLE
 S357 COLORWRITER DEMO
 S358 BASIC XREF
 *S359 MOONBEAM
 S360 PFROI DEMO
 S361 FAMILY HISTORY
 S362 V2 DS2 SIMTERM
 *S363 PC-INPUT
 *S364 V2 DS2 TURBO PASCAL #3
 *S365 V2 DS2 TURBO PASCAL #4
 *S366 V2 DS2 TURBO PASCAL #5
 S367 FLASH CARDS: VOCABULARY AND SPELLING
 S368 FLASH CARDS: VOCABULARY AND SPELLING
 S369 FLASH CARDS: VOCABULARY AND SPELLING
- S370 FLASH CARDS: VOCABULARY AND SPELLING
 *S371 BASIC PROGRAMMING AIDS
 *S372 BASIC SUBROUTINES
 S373 BATCH UTILITIES
 *S374 DOS UTILITIES #2
 *S375 TURBO PASCAL UTILITIES
 *S376 PATCHES
 S377 MISC. PRINTERS
 S378 DICTIONARY
 S379 WORDSTAR AIDS
 S380 GLUDRAW
 *S381 BASIC AIDS
 S382 PC-CONVERT/SWEEP
 S383 PC-DBMS V1.0
 S384 CONDENSE
 S385 PHRASE CRAZE V1.0
 S386 BANNER
 S387 KEEP IN TOUCH
 S388 FORM LETTERS
 S389 HOME BUDGET TEMPLATE FOR LOTUS 123
 S390 MISC. GAMES
 *S391 NMR SPECTROSCOPY & STATISTICS
 *S392 Compiled PASCAL Routines Library
 S393 CHECKBOOK MANAGEMENT PROGRAM
 S395 HOME INVENTORY SYSTEM
 S397 CHECKBOOK SYSTEM
 *S398 ESIE EXPERT SYSTEM SHELL
 S399 LOAN AMORTIZATION & PROSPECT LIST PROGRAMS
 S400 DIRECTORY ON DISK VOLUME 4
 S401 THE ADDRESS BOOK
 *S402 CROSS ASSEMBLER FOR THE IBM 370
 S403 TUTORIAL - IBM PC COMPUTER
 S404 EZ-FORMS PACKAGE
 S405 V1.1 DS2PC-DESKMATES UTILITIES
 S406 FINANCIAL PROGRAMS & LOTUS WORKSHEETS
 S407 VIDEOCHEM EDUCATIONAL GAME
 S408 ORIGAMI
 S409 SNOCREST BASIC #1
 S410 SNOCREST BASIC #2
 S411 PRINTER UTILITIES
 S412 PERSONAL UTILITIES
 *S413 DOS UTILITIES
 S414 COPY PROTECTION/UNPROTECT UTILITIES
 S415 W-ED, LETTER WRITER, WORD PROCESSING PREVIEWER
 S416 ROFF4
 *S417 V2 DS2 PROLOG VERSION 1.7
 S418 PC-GRAPH
- S419 QPARSER PUBLIC DOMAIN VERSION
 S420 FILE UTILITIES
 *S421 DOS UTILITIES
 *S422 SCREENWRITER
 *S423 PROJECT MANAGEMENT
 S424 PASCAL COMPILER
 *S425 ENGINEERING PASCAL
 S426 TURBO PASCAL ROUTINES #
 S427 TURBO PASCAL ROUTINES #
 S428 TURBO PASCAL ROUTINES #
 S429 ELEMENTARY C
 S430 ANALYTICALC SYSTEM (DISK 1 OF 3)
 S431 ANALYTICALC SYSTEM (DISK 2 OF 3)
 S432 ANALYTICALC SYSTEM (DISK 3 OF 3)
 S433 KERMIT-MS COMPATIBLES, ASM MODULES
 S434 KERMIT-MS COMPATIBLES, ASM MODULES II
 S435 TURBO PASCAL STATISTICS, TRIG, UTILITIES
 S436 HAM RADIO #1
 S437 HAM RADIO #2
 S438 PRINTER UTILITIES
 S439 COMMUNICATIONS PROGRAMS
 S440 MISCELLANEOUS APPLICATIONS
 S441 TEKTRONIX 4010 EMULATOR
 S442 SPA:WN STRUCTURED PROGRAMMING/WARNIER DIAGRAM
 S443 T-SCORE/EDUCATION
 S444 HOTKEY/XDOS/EZ-MENU/CALC
 S445 WILLY THE WORM & MORE
 S446 ZORK UTILITIES
 S447 THE SKY
 S448 ASSORTED GAMES
 S449 G.A.G.S. (GENERIC ADVENTURE GAME SYSTEM)
 S450 ASSORTED BASIC GAMES
 S451 CAVEQUEST
 S452 THE AMULET OF YENDOR ADVENTURE GAME
 S453 ADVENTUREWARE - ADVENTURE GAME
 S454 UNIFORTH
 S455 PC-TYPE BY JIM BUTTON
 S456 ASSORTED GAMES
 S457 ASSORTED GAMES
 S458 INCTAX V1.1
 S459 ASSORTED AGRICULTURAL PROGRAMS
 S460 ALBERTA AGRICULTURAL PROGRAMS
 S461 RIDGETOWN COLLEGE PROGRAMS
 S462 CK SYSTEM [DISK 1 OF 2]
 S463 CK SYSTEM [DISK 2 OF 2]
 S464 PBASE V1.2

- S465 FAMILY TIES
 S466 CPA - LEDGER #1 OF 3
 (PROGRAM DISKETTE)
 S467 CPA - LEDGER #2 OF 3
 (PRACTICE DISKETTE)
 S468 CPA-LEDGER #3 OF 3 THE
 USER'S MANUAL
 S469 MR. BILL [DISK 1 OF 2]
 S470 MR. BILL [DISK 2 OF 2]
 S471 PRESENT V5.1
 S472 SIMPLIFIED BUSINESS
 BOOKKEEPING
 S473 TRIVIAL TOWERS [DISK 1
 OF 2]
 S474 TRIVIAL TOWERS [DISK 2
 OF 2]
 S475 MONOPOLY P.C. / TUNE
 TRIVIA
 S476 PATRICK'S BEST GAMES
 S477 NAME GRAM / BREAK
 DOWN
 S478 HARD DISK UTILITIES
 S479 ACCU-TAX 1985
 S480 PC-OUTLINE V1.04
 S481 STILL RIVER SHELL
 S482 ENCODE /DECODE
 S483 MAIL MASTER
 S484 GRAPHICS FONT DESIGN
 UTILITY V2.0
 S485 ICON MAKER & FX MATRIX
 S487 REFLEX POINT
 S488 LIGHTYEAR
 S489 JESUS
 SAYS/HOROSCOPE/ASTRO
 LOGY
 S490 MICROCOMPUTER DATA
 SECURITY - BY DAN CRO-
 NIN
 S491 CRYPTANALYSIS HELPER
 S492 NUTRIENT
 S493 VCR DBASE
 S494 THE WORLD DIGITIZED (1
 OF 3)
 S495 THE WORLD DIGITIZED (2
 OF 3)
 S496 THE WORLD DIGITIZED (3
 OF 3)
 S497 HOMEWARE V1.0
 S498 DOSAMATIC VER 2.0
 S499 PROCOMM VERSION 2
 *S500 SOFT-TOUCH
 S501 SALESEYE VERS 2.2 (DISK 1
 OF 2)
 S502 SALESEYE TUTORIAL VERS
 2.2 (DISK 2 OF 2)
 S503 RELIANCE MAILING LIST
 VERSION 2.0
 S504 MISCELLANEOUS UTILI-
 TIES
 S505 PC-STYLE
 S506 BIBLIOGRAPHY OF BU-
 SINESS ETHICS AND MO-
 RAL VALUES
 S507 PC-SPRINT
 S508 STAT TOOLS (DISK 1 OF 2)
 S509 STAT TOOLS (DISK 2 OF 2)
 S510 VISIBLE-PASCAL
 *S511 TURBO SPRITES AND ANI-
 MATION
 *S512 PROGRAMS FROM "THE
 COMPLETE TURBO PAS-
 CAL"
 S513 B MENU AND OTHERS
 S514 CASINO GAMES
 S515 THE DRAFTSMAN Ver 1.0
 (DISK 1 of 2)
 S516 THE DRAFTSMAN Ver 1.0
 (DISK 2 of 2)
 *S517 IMAGEPRINT Version 1.20
 *S518 Expert System
 S519 BUDGETRAK Version 1.2
 (DISK 1 of 2)
 S520 BUDGETRAK Version 1.2
 (DISK 2 of 2)
 S521 FREE FILE Version 1.0
 S522 INSTANT RECALL Version
 1.5x
 *S523 SIDE WRITER
 S524 ExpressCalc Version 3.09 (DISK
 1 of 2)
 S525 ExpressCalc Version 3.09 (DISK
 2 of 2)
 *S526 WSMX80 Version 4.1
 *S527 B-WINDOW TOOLBOX Ver
 1.1 and C-WINDOW Ver 1
 *S528 NEW YORK WORD Version
 1.2 (Disk 1 of 2)
 *S529 NEW YORK WORD Version
 1.2 (Disk 2 of 2)
 S530 FreeWord Version 1.0
 S531 Alan's Text Editor & Spread-
 sheet
 S532 PC-MONEY Version 1.1
 S533 PDS*QUOTE Version 3.0
 S534 COMPUTER USER'S HAND-
 BAG #1
 S535 COMPUTER USER'S HAND-
 BAG #2
 *S536 PC-Tools
 S537 DBS-KAT Version 1.3
 S538 Astronomy Collection #1
 S539 Adventure Solutions
 *S540 Tiny Pascal Compiler Builder
 S541 Personal Finance Manager Ver-
 sion 5.02
 S542 Polyglot & Letterfall
 (EDUCATIONAL)
 S543 UTILITIES ECETERA
 S544 LETUS A-B-C #7
 S545 LETUS A-B-C #8
 S548 LETUS A-B-C #11
 S550 LETUS A-B-C #13
 *S551 LETUS A-B-C #14
 S552 PC-SELL
 S553 LLSQ (FORTRAN
 PROGRAMS)
 S554 LINPACK LIBRARY (FOR-
 TRAN PROGRAMS)
 S555 LINPACK DRIVERS
 S556 FORTRAN & A LITTLE AS-
 SEMBLY
 *S558 PC Prompt (DOS HELP)
 S559 PC Accounting System (Disk 1
 of 2)
 S560 PC Accounting System (Disk 2
 of 2)
 *S561 MSDOS - CPM/80 Interface
 S562 PC-HAM Version 1.5
 S563 MAX - Freeware Editor
 S564 Jon Dart's DOS Utilities
 S565 PC-PAYROLL
 S566 Surveysoft Version 3.0
 S567 DND
 S568 LOTUS UTILITIES
 S569 PC-CODE3 and PC-CODE4
 S570 Programmer and Pascal Utilites
 S571 1-2-3 Worksheets #7
 s572 FED BUILD LIFE COST
 COMPARISON
 S573 XASM CROSSASSEMBLER
 S574 FREECALC
 S575 PC-STOCK
 S576 PC TICKLE
 *S577 C TUTOR (DISK 1 OF 2)
 *S578 C TUTOR (DISK 2 OF 2)
 S579 PASCAL TUTOR (DISK 1 OF
 2)
 S580 PASCAL TUTOR (DISK 2 OF
 2)
 S581 WORDWORKER (DISK 1 OF
 2)
 S582 WORDWORKER (DISK 2 OF
 2)
 S583 LOTUS 123 - THE WHITE-
 ROCK ALTERNATIVE
 S584 MISCELLANEOUS LOTUS
 123 WORKSHEETS
 *S585 DOS EXTENSIONS (DISK 1
 OF 2)
 S586 DOS EXTENSIONS (DISK 2
 OF 2)
 S587 SYMPHONY WORD PRO-
 CESSING TIPS & MACROS
 S588 SYMPHONY
 BANK/INSURANCE/MEDIC
 AL APPLICATIONS
 S589 PTOOLS
 S590 NUCLEAR MAGNETIC RE-
 SONANCE (NMR)
 S591 GENESIS VER 1.0
 S592 TShell
 S593 GANTT/PAGEONE
 S594 NOTES FOR ON DISPLAY
 S595 BASIC GAMES & PRO-
 GRAMMING INTRO
 S596 SYMPHONY WORKSHEETS
 #3
 S597 SYMPHONY WORKSHEET
 #4
 *S598 DISK TOOL V1.0A
 S599 DREAM (DATA RETRIE-
 VAL, ENTRY AND MANA-
 GEMENT) 1 OF 5
 S600 DREAM (DATA RETRIE-
 VAL, ENTRY AND MANA-
 GEMENT) 2 OF 5
 S601 DREAM (DATA RETRIE-
 VAL, ENTRY AND MANA-
 GEMENT) 3 OF 5
 S602 DREAM (DATA RETRIE-
 VAL, ENTRY AND MANA-
 GEMENT) 4 OF 5
 S603 DREAM (DATA RETRIE-
 VAL, ENTRY AND MANA-
 GEMENT) 5 OF 5
 S604 LANDING PARTY
 S606 POLYMATH

- S607 TEXT UTILITIES
 *S608 AUTOMENU VERSION 3.01
 *S609 DISK SPOOL VERSION 2.06
 S610 PACKDISK VERSION 1.2
 S611 BLACKBEARD V6.1
 *S612 LANGUAGES
 S613 MANAGING MONEY WITH IBM PC
 S614 NEW YORK
 S615 ORACLE
 S616 CORBIN HANDBOOK V1.0 (DISK 1 OF 2)
 S617 CORBIN HANDBOOK (DISK 2 OF 2)
 S618 MAKEMYDAY V2.0
 S619 HOTBOOT/INSULTS
 S620 DANAL
 S621 RBBS VERSION CPC14.1A (DISK 3 OF 4)
 S622 RBBS VERSION CPC14.1A (DISK 4 OF 4)
 S623 SPPC SYSTEM DEMO VERSION 3.0 (2 OF 2)
 S628 BIBLEQ
 S629 PC-ART
 S630 HOMEWARE V3.0 (Disk 2 of 2)
 S631 X2389
 S632 FAMILY HISTORY (Disk 2 of 2)
 S633 DRAWPLUS & SECRET QUEST
 S634 WAGNER UTILITIES and PCLOG
 S635 MUSES Version 5.12 Disk 1 of 2
 S636 MUSES Version 1.0 Disk 2 of 2
 S637 UNCLE
 S638 SST Version 1.00 (Disk 1 of 2)
 S639 SST Version 1.00 (Disk 2 of 2)
 S640 LIST
 S641 MAHJONG
 S642 MENU-MASTER Version 2.1
 S643 TASM Version 2.2
 S644 The Stock Trader
 S645 CHI-WRITER
 S646 AMY'S FIRST PRIMER PC,XT,AT Version
 S648 WALMYR PROGRAMS (Disk 1 OF 2)
 S649 WALMYR PROGRAMS (Disk 2 OF 2)
 S651 Turbo Calc / AsEasyAs Spreadsheets
 S652 HI-RES RAINBOW Version 1.00
 S653 MASTER KEY Disk Utility Program Version 1.5
 S654 KWIKSTAT (Disk 1 of 2)
 S655 KWIKSTAT (Disk 2 of 2)
 S656 Real Estate Systems
 S657 Zuri Editor
 S658 DOS Toolkit
 S659 VIANSOFT (r) CHURCH CONTRIBUTIONS
 S660 MAROONED AGAIN & EMS
 S661 RESICALC Version 1.0
 S662 DATABOSS Version 3.00.01 (Disk 1 of 2)
- S663 DATABOSS Version 3.00.01 (Disk 2 of 2)
 S664 Educational Mix
 S665 PC DEMONSTRATION SYSTEM
 S666 STRUCTURED PROGRAMMING LANGUAGE
 S667 THE WRITER'S TOOLKIT
 S668 WORLD VERSION 1.0
 S669 GRAPHTIME II V. 2.5A (DISK 1 OF 2)
 S670 GRAPHTIME II V. 2.5A (DISK 2 OF 2)
 S671 FREEWAY PAYROLL SYSTEM (DISK 1 OF 3)
 S672 FREEWAY PAYROLL SYSTEM (DISK 2 OF 3)
 S673 FREEWAY PAYROLL SYSTEM (DISK 3 OF 3)
 S674 ENABLE READER SPEECH SYSTEM V3.0 (1 OF 4)
 S675 ENABLE READER SPEECH SYSTEM V3.0 (2 OF 4)
 S676 ENABLE READER SPEECH SYSTEM V3.0 (3 OF 4)
 S677 ENABLE READER SPEECH SYSTEM V3.0 (4 OF 4)
 S678 THE GOLDEN WOMBAT OF DESTINY
 S679 IT (IDEAL TERMINAL) VERSION 1/3/87
 S680 FORGE VERSION 2.0
 S681 PC-TYPE+ BY JIM BUTTON (DISK 2 OF 3)
 S682 PC-TYPE+ BY JIM BUTTON (DISK 3 OF 3)
 S683 BUTTONWARE ADVENTURES
 S684 PAGEONE
 S685 NEW FIG FORTH
 S686 HELPDOS
 S687 IN-CONTROL [DISK 1 OF 3]
 S688 IN-CONTROL [DISK 2 OF 3]
 S689 IN-CONTROL [DISK 3 OF 3]
 S690 BEST-PLAN PLANNING SYSTEM
 S691 BEST-PLAN PLANNING SYSTEM
 S692 ASTROSOFT EPHEMERIS(ACE) DISK 1 OF 2
 S693 ASTROSOFT EPHEMERIS(ACE) DISK 2 OF 2
 S694 SLEUTH VERSION 4.1
 S695 EZ-SPREADSHEET
 S696 QUBECALC A
 S699 THE FRONT OFFICE (DISK 3 OF 3)CC
 S700 MEALMATE AND OTHER-SOR
 S705 KIDGAMES DI
 S706 NAMEPAL NG
 S707 Pulled from library due to high bug rate
 S708 BACKGAMMON/FOREIGN LANGUAGE HANG-MAN/WHEEL T
 S709 DMASTER, PC-CRYP2 AND INSTACALENDAR
 S710 INSTACALCO
- S711 BONZO-WARE
 S712 JAPANESE FOR BUSINESS AND TRAVEL V. 1.2
 S713 S.B.S GAME PAK
 S714 S.B.S GAME PAK
 S715 NEWSBASE
 S716 CHURCH PROSPECT INFORMATION SYSTEM VERSION 1.3 O
 S717 SUPERCOM AND DIALER
 *S718 LQ PRINTER UTILITY WN#719 LETTER WRITER V3.1
 S720 "CRONUM'S CASTLE" BY MATT ASHCRAFT & RICHARD TONSING #8
 S721 "LORD OF THE UNDERLAND" BY JUSTIN LANG-SETH 02
 S722 COMPOSER VERSION 1.1
 S723 SUPER PINBALL #1
 S724 EZCOUNT, COUPON ORGANIZER, XDIR S
 S725 TURNKEY VERSION 2 PE
 S726 GOALSEEKER
 S727 POWERMENU#728 HOMEBASE VERSION 2.0SW (1 OF 2 DISKS)
 S729 HOMEBASE VERSION 2.0SW (2 OF 2 DISKS)
 S730 PC-FILE+ DISK (2 OF 2)
 S731 LOCATE
 S732 TRACKER / CATCHAR FI
 S733 AUTOMOBILE GAS & MAINTENANCE LOGS VERSION 1.0 CA
 S734 EXTENDED DOS TI
 S735 CHECKS AND BUDGETS RA
 S736 LIGHTWAVE UTILITIESRY
 S737 XANADU UTILITIES
 S738 EASYMENU VERSION 1.01 (DISK 1 OF 3)
 S739 EASYMENU VERSION 1.01 (DISK 2 OF 3)
 S740 EASYMENU VERSION 1.01 (DISK 3 OF 3)
 S743 FIVE
 S744 MUSTANG UTILITIES O
 S745 WILDCAT BBS SYSTEM (DISK 1 OF 2)
 S746 WILDCAT BBS SYSTEM (DISK 2 OF 2)
 S747 BASEBALL STAT PROGRAM / FOOTBALL FUN GAME F
 S748 THE DIRECTORY ASSISTANT
 S749 QUANTOIDS / SPACE RESCUE / LOTTERY FUN
 S750 LABEL MASTER VERSION 3.0 SE
 S751 ASEASYAS VERSION
 S752 THE BRAIN VERSION 1
 S753 SQUEEZE PRINT
 S754 UVESTER
 S755 CANTONESE TUTOR
 S756 MEMOIRS
 S757 SPANISH VERB CONJUGATOR VERSION 1.13

- S758 FRENCH VERB CONJUGATOR VERSION 1.13
 S759 WRITER'S HEAVEN
 S760 MINIGEN
 S761 THE IMP SHELL
 S762 IMAGE-3D
 S763 FINGER PAINT VERSION 1.00 BY POISSON TECHNOLOGY
 S764 COMPASS
 S765 GALAXY VERSION 2.2B
 S766 The King James version of the Bible (disk 1 of 7)
 S767 The King James version of the Bible (disk 2 of 7)
 S768 The King James version of the Bible (disk 3 of 7)
 S769 The King James version of the Bible (disk 4 of 7)
 S770
 S771 The King James version of the Bible (disk 6 of 7)
 S772 The King James version of the Bible (disk 7 of 7)
 S773 CashTrac #2 (Disk 2 of 2)
 S774 THE MOVIE DATABASE version 2 (disk 2 of 2)
 S775 PseudoSam 68 and 685
 S776 PseudoSam 18 and 65
 S777 PseudoSam 48 and 51
 S778 PseudoSam 80z and 85
 S779 PMENU3, PATCH, PC-BANNER, SCRNOFF3, KYLOCK
 S780 BridgePal
 S781 Bible Men The Game
 S782 GT PowerComm (Disk 1 of 2)
 S783 GT PowerComm (Disk 2 of 2)
 S784 CheckMate version 1.05
 S785 CheckMate-GL version 1.00
 S786 HOW TO TAME YOUR HARD DRI
 S787 SERVICE version 2.64 INCONTROLL 2
 S788 IMAGE 3-D for EGA version 1.8
 S789 CARDTRAK and more
 S790 MINISTER'S SERMON INDEXER version 1.1
 S792 HOME LOAN version 1.06
 S793 TYPING by RYSOFT version 1.1
 S794 COMPOSER version 1.30
 S795 BULLET SIMULATOR demo version
 S796 HOME INVENTORY version 1.05
 S797 TEST
 S798 PRO-MENU
 S799 SIDEFILE
 S800 Baker's dozen von Jim Button
 S801 SAIL VERSION 2.00
 S802 LIFE FORMS
 S803 INSTANT REPLAY FOOTBALL VERSION 2.0
 S806 THE REMARKABLE GENERAL LEDGER VERSION 1.0.0 (DISK 1 OF 2)
 S807 THE REMARKABLE GENERAL LEDGER VERSION 1.0.0 (DISK 2 OF 2)
 S808 THE REMARKABLE GENERAL LEDGER (UK VERSION DISK 1 OF 2)
 S809 THE REMARKABLE GENERAL LEDGER (UK VERSION DISK 2 OF 2)
 S810 DISK NAVIGATOR (DNAV) VERSION 1.3
 S811 INTELLI-TRIE
 S812 SOAR (SERVICE-ORIENTED ACCOUNTS RECEIVABLES) DISK 1 OF 2
 S813 SOAR VERSION 1.94 DISK 2 OF 2
 S814 MADULA-2 TUTORIAL VERSION 1.00 (DISK 1 OF 2)
 S815 MADULA-2 TUTORIAL VERSION 1.00 (DISK 2 OF 2)
 S816 TURBO C TUTORIAL VERSION 1 (DISK 1 OF 2)
 S817 TURBO C TUTORIAL VERSION 1 (DISK 2 OF 2)
 S818 DFSTICKL AND MORE
 S819 CROSSWORD CREATOR VERSION 2.50
 S820 SEEKEASY VERSION 5
 S821 HDP ACCOUNTS RECEIVABLES
 S822 FILE COMMANDO, VERSION 1.30
 S823 DISK NO 823
 S823 INTERACTIVE MATRIX CALCULATOR, INTERACTIVE REGRESSION VER 2
 S824 DESK COMMANDO, MATH COMMANDO VERSION 1.32
 S825 TIME TRAKER
 S826 ADVENTURE ADDICTION
 S827 T-REF VERSION 1.02
 S829 NEW YORK EDIT VERSION 1.2B
 S830 WAMPUM VERSION 3.1B (DISK 1 OF 2)
 S831 WAMPUM VERSION 3.1B (DISK 2 OF 2)
 S832 DISK NO 832
 S832 BEYOND THE TITANIC AND KINGDOM OF KROZ
 S833 GRAPHTIME II (HERCULES VERSION) DISK 1 OF 2
 S834 GRAPHTIME II FOR HERCULES (DISK 2 OF 2)
 S835 MULTIFILE AND SCREEN-PRINT BAR/LINE GRAPH
 S836 DISK COMMANDO VERSION 2.10
 S837 HOME MONEY MANAGER (DISK 1 OF 2) VERSION 1.04
 S838 HOME MONEY MANAGER (DISK 2 OF 2) VERSION 1.04
 S839 GREETINGWARE CHRISTMAS MEDLEY AND BIRTHDAY MEDLEY
 S840 SHORTCUT VERSION 2.05
 S841 MANDELBROT MAGIC VERSION 2.0
 S842 BOX VERSION 1.1
 S843 OMEGA-TERM VERSION 1.04B AND ONE TO ONE VERSION 1.0
 S844 VIDEO MONOPOLY VERSION 1.1
 S845 COST EFFECTIVE VERSION 1.10
 S846 THE LOTUS LEARNING SYSTEM DEMO VERSION (DISK 1 OF 2)
 S847 THE LOTUS LEARNING SYSTEM DEMO VERSION (DISK 2 OF 2)
 S848 JUDY CLONE VERSION 1.50
 S849 GRAPHICS COACH VERSION 2.2
 S850 INSURE VERSION 1.20
 S851 ASTRONOMY STAR CATALOGUE VERSION 5 (DISK 1 OF 2)
 S853 SPORTS LOG DEMO VERSION
 S854 DATABASE PUBLISHER VERSION 2
 S855 FASTBUCKS VERSION 3.18
 S856 FUNCTION KEY HELPER, FONT EDITOR VERSION 1.2 AND GROCERY
 S857 LEDGER EXPRESS DEMO VERSION
 S858 ARE YOU READY FOR CALCULUS VERSION 2.01
 S859 CROSS ASSEMBLER FOR THE IBM 370 VERSION 3.2 (DISK 2 OF 2)
 S860 REIPS, THE SIMPLE BOOK-KEEPER AND TYPERITE
 S861 STATMATE/PLUS VERSION 1.3 (DISK 1 OF 3)
 S862 STATMATE/PLUS VERSION 1.3 (DISK 2 OF 3)
 S863 STATMATE/PLUS VERSION 1.3 (DISK 3 OF 3)
 S864 CATALIST VERSION 3.1 (DISK 1 OF 2)
 S865 CATALIST VERSION 3.1 (DISK 2 OF 2)
 S866 DEEP SPACE VERSION 1.3 (DISK 1 OF 2)
 S867 DEEP SPACE VERSION 1.3 (DISK 2 OF 2)
 S868 PC-MAIL VERSION 2 (DISK 1 OF 2)
 S869 PC-MAIL VERSION 2 (DISK 2 OF 2)
 *S870 HGCIBM VERSION 2.02
 S871 FANCY LABEL AND FILE-FRIEND VERSION 1.10A
 S872 AMPLE NOTICE VERSION 1.05 AND CATALOG
 S873 THE WINDOW BOSS FOR C PROGRAMERS
 S874 ZZAP VERSION 4.0, VECTOR, 400 AND RPN
 S875 Q-REF, VXREF, CLOCK
 S875 Q-REF, VXREF, CLOCK
 S876 GIFTS VERSION 2.0

- | | | |
|---|--|---|
| <p>S877 BARCODE VERSION 2.1,
HYDE AND DOVETAIL III</p> <p>S878 TEACHER'S DATABASE 1000</p> <p>S879 BIORHYTHM MONTHLY
SCHEDULE PROGRAM</p> <p>S880 AVSCRIPTER VERSION 2.52,
SOFTKEY EDITOR VER-
SION 1.1</p> <p>S881 HERITAGE CHURCH SY-
STEM VERSION 1.01</p> <p>S882 FOOTBALL POOL MANA-
GER AND PRINCE VER-
SION 2.10</p> <p>S883 XXXPERT VERSION 5 AND
SCREEN-DO VERSION 1.0</p> <p>S884 BOWLING LEAGUE SECRE-
TARY VERSION 1.0</p> <p>S885 MISCELLANEOUS UTILI-
TIES FOR PROGRAMERS.</p> <p>S886 CALIFORNIA DIVORCE FOR
MEN</p> <p>S887 CASHFLOW VERSION 3.3
AND SWAP SHOP VERSION
2.0</p> <p>S888 MANAGEX VERSION 3.3</p> <p>S889 FINANCIAL FREEDOM AND
DOS-PRO</p> <p>S890 TURBO-BRIDGE</p> <p>S891 WHEEL OF MISFORTUNE
AND SOLITAIRE VERSION
1.20</p> <p>S892 COLLEGE FOOTBALL POOL
VERSION 1.2</p> <p>*S893 PRIVATE LINE VERSION
4.05 AND WEAKLINK</p> <p>S894 PERFORMANCE CALCULA-
TOR, VERSION 1.0B / JOG
LOG</p> <p>S895 SCOUT AND SELECT I
MENU SYSTEM (SIMS)</p> <p>S896 POCKET FILER, POCKET
NOTES AND EASY-PLAN
VERSION 1.1</p> <p>S897 PRO MAN (PROGRAM MA-
NAGER) VERSION 1.11</p> <p>S898 PC-TED VERSION 1.5 AND
COPYFIT-IT VERSION 1.0 U</p> <p>S899 ESL WRITER VERSION 1
(DISK 1 OF 2)</p> <p>S900 ESL WRITER VERSION 1
(DISK 2 OF 2)</p> <p>S901 PC-BOOKS VERSION 1.14</p> <p>S902 HEBREW QUIZ</p> <p>S903 VAR GRADE</p> <p>S904 DROEGE VERSION 1.85
(DISK 1 OF 2)</p> <p>S905 DROEGE VERSION 1.85
(DISK 2 OF 2)</p> <p>S906 MISCELLANEOUS UTILI-
TIES</p> <p>S907 FUNKYTOOLBOX</p> <p>S908 DIREDDIT & HDTEST / D&T /
TEST DRIVE VERSION 1.0</p> <p>S909 DTIME KEEPER VERSION
2.0 (DISK 1 OF 2)</p> <p>S910 DTIME KEEPER VERSION 2
(DISK 2 OF 2)</p> <p>S911 MIX IT UP</p> | <p>S912 FLODRAW VERSION 1.00
(DISK 1 OF 2)</p> <p>S913 FLODRAW VERSION 1.00
(DISK 2 OF 2)</p> <p>S914 PC-DEMO VERSION 2.1</p> <p>S915 EDIR VERSION 1.03</p> <p>S916 AMANDA'S LETTER LOTTO</p> <p>S917 TODO VERSION 1.41 AND
MR. LABEL VERSION 2.0</p> <p>S918 CAMBRIDGE THOROUGH-
BRED HANDICAPPER
VERSION 3.0</p> <p>S919 POTPOURRI VERSION 1.00</p> <p>S920 MAPTAB DEMO VERSION</p> <p>S921 ASTRONOMY AND AERO-
NAUTICS</p> <p>S922 WIZQUIZ, JEM AND PC-
QUIZZER</p> <p>S923 PROFESSIONAL REAL
ESTATE ANALYST</p> <p>S924 CDC ANTHROPOMETRIC
SOFTWARE PACKAGE</p> <p>S925 LSTSR AND TURBO DE-
SIGNER VERSION 1.00A</p> <p>S926 COGO VERSION 3.6 AND CC-
SURVEYOR VERSION
1.00SW</p> <p>S927 PRO-DEX VERSION 1.2</p> <p>S928 SNOBOLYT UTILITIES</p> <p>S929 LOTTO FEVER VERSION 2.0</p> <p>S930 EDDY VERSION 1.06, POINT
AND SHOOT AND TPOP
VERSOPM 3.0</p> <p>S931 SPEEDYMAILER VERSION
4.0</p> <p>S932 LABCOAT VERSION 2.0</p> <p>S933 SORTED DIRECTORY VER-
SION 5.7 AND FLIST/PC
VERSION 3.2</p> <p>S934 TICKLEX VERSION 3.3</p> <p>S935 MSPANTOC VERSION 1.0
AND BIBLIO & LIST-MGR</p> <p>S936 DCOPY VERSION 2.1,
MENU-MATIC, MYMENU,
MENUEZ VERSION 2.0</p> <p>S937 BVIDEO, REORDERS AND
WEDPRICE</p> <p>S938 CHEMICAL VERSION 2.00,
CHEMVIEW VERSION 1.00</p> <p>S939 FLIGHT AND MORSE</p> <p>S940 HOME MANAGER VERSION
1.0</p> <p>S941 PC-ACCOUNT VERSION 2.12</p> <p>S942 HYDROFLO DEMO VER-
SION 1.1</p> <p>S943 DOCTOR DATA LABEL
VERSION 1.0</p> <p>S944 DOS CONTROLLER AND
MR. MENU VERSION 1.2</p> <p>S945 ROCKET SIMULATION</p> <p>S946 BASEBALL VERSION 1.1
AND BASKETBALL VER-
SION 2.0</p> <p>S947 KINETICS VERSION 1.0 AND
CELL SYSTEMS</p> <p>S948 FORA VERSION 1.0</p> <p>S949 STATISTCAL CONSULTANT</p> | <p>S950 NEAT TEXT FORMATTER
VERSION 2.10 AND DOC
MASTER</p> <p>S951 CLASSBOOK DELUXE</p> <p>S952 SUPERNOVA</p> <p>S953 DECISION ANALYSIS SY-
STEM VERSION 1.10</p> <p>S954 THI USER LIB AND MINI-
STER</p> <p>S955 AUTOMATED PLANNING
FORM (APF) VERSION 6.0</p> <p>S956 PROFONEDIT VERSION 1.0</p> <p>S957 PC-FLOW VERSION 1.00</p> <p>S958 STOCK</p> <p>S959 FLOPYCAT VERSION 1.10</p> <p>S960 FINANCIAL COLLECTION</p> <p>S961 MINI MINDER VERSION 1.0
INVENTORY SORT VER-
SION 1.0</p> <p>S962 INDENT, SELECT XTRAC
UTILITY (SXU), PDVIM</p> <p>S963 PAY-TIME</p> <p>S964 MINI COUPCAT VERSION
1.0</p> <p>S965 MYSTIC PASCAL VERSION
1.5</p> <p>S966 ASTROL94</p> <p>S967 ADVENTURE AND MUSIC</p> <p>S968 PERSONAL CHECKING AC-
COUNT MANAGEMENT
SYSTEM (DISK 1 OF 2)</p> <p>S969 PERSONAL CHECKING AC-
COUNT MANAGEMENT
SYSTEM (DISK 2 OF 2)</p> <p>S970 MSFORMS VERSION 1.62</p> <p>S971 MULTI-BASE</p> <p>S972 PEOPLESYSTEMS (DISK 1
OF 2)</p> <p>S973 PEOPLESYSTEMS (DISK 2
OF 2)</p> <p>S974 BIBLE QUIZ PLUS</p> <p>S975 COLLAGE</p> <p>S976 AUTOMATED PLANNING
FORM (APF)</p> <p>S977 PROINDEX</p> <p>S978 MMAKE VERSION 1.2, FI-
XER, EGABLANK, AND
PLOT</p> <p>S979 VIRTUAL LIBRARY</p> <p>S980 VANILLA SNOBOL4</p> <p>S981 MASTERFILE VERSION 1.0</p> <p>S982 TAX PLANNER</p> <p>S983 NATIONAL BUREAU OF
STANDARDS LIFE-CYCLE
COST</p> <p>S984 DOUBLE BOGIE KILLER
AND GOLF</p> <p>S985 PROBABILITY & STATI-
STICS</p> <p>S986 QB2 TOOLS</p> <p>S987 APOLLO MISSION SIMULA-
TOR VERSION 1.1</p> <p>S988 MESSAGE MASTER AND
ADDRESS BOOK</p> <p>S989 BASIC LINE NUMBERING</p> <p>S990 STAT VERSION 5.3 (DISK 1
OF 3)</p> <p>S991 STAT VERSION 5.3 (DISK 2
OF 3)</p> |
|---|--|---|

S992 STAT VERSION 5.3 (DISK 3 OF 3)
 S993 BOARD GAMES
 S994 FINANCIAL CALCULATOR
 S995 H&P CALENDAR AND DRAW
 S996 DO-IT-YOURSELF PROMO KIT
 S997 OPUS 1 BRAIN TEASERS
 S998 DATAMAGE
 S999 PCJR SURVIVAL KIT
 S1000 PROGRAM TITLE:
 NETHACK VERSION 1.0

PC-BLUE (B) (TGM-91,92)

B001 Miscellaneous Utilities, -Super Directory, -IBM Asynchronous Communications, Support Extensions, -Display Utilities
 B002 MicroSoft Basic Programs
 B003 MicroSoft Basic Programs
 B003 MicroSoft Basic Programs
 B004 MicroSoft Basic Programs
 B005 MicroSoft Trek Programs
 B006 General Ledger (MBasic), Monstrous Startrek
 B007 RatFor
 B008 Miscellaneous Fortran Programs, Portraits
 B009 EBasic Compiler, Interpreter, EBasic Programs
 B010 Monstrous EBasic Startreks
 B011 EBasic Programs
 B012 EBasic Programs
 B013 Original Adventure-350 Points
 B014 Bob Van Valzah's "Pascal Pascal Compiler"
 B015 ALGOL-M
 B016 Miscellaneous Utilities, (programs extracted from Sig/M), -Simple Mail Label System, dependent on EBasic, -NAD Accounts Receivable, -MBasic Variable Mapper, -File Squeeze and UnSqueeze
 B017 Miscellaneous Utilities, (programs extracted from Sig/M), -Electrical Engineering Packet, -Calculator Emulation, -Pascal Cross Reference, -Recipe Program, -Plotting Program, -Quick Sort
 B018 Communications Package, Graphics Game & PC Notes
 B019 DataBase Package
 B020 Remote Bulletin Board System, miscellaneous utilities
 B021 Cross Reference Utility, Front-End Interface Utility (Monitor)
 B022 Expanding Lister Utility for BASIC Programs
 B023 Rational Basic-RATBAS, Warm System Restarts, Strip-Off WordStar High Bits, Graphtrax Utilities
 B024 BASIC Games

B025 BASIC Games
 B026 8087 Sampler Programs
 B027 Kermit
 B028 Kermit
 B029 Miscellaneous Basic Programs
 B030 Miscellaneous, Application Systems
 B031 PC-Talk III (supercedes vol 18), PC-Talk III Documentation
 B031 PC-Talk III (supercedes vol 18), PC-Talk III Documentation, reference
 B032 PC-Talk III Documentation, Miscellaneous Comm Systems
 B033 Miscellaneous Applications
 B034 dBASE (TM) and SuperCalc (TM) templates, extracted from Sig/M volume 110
 B035 miscellaneous BASIC utilities
 B036 IBM Keyboard Drill System
 B037 Modem7 Program for IBM PC, Program Control System, WordStar modifications, miscellaneous utilities
 B038 disk directory utilities, Squish REMarks, Lotus 1-2-3 modifications
 B039 Screen Editor, Primitive Word Processor, Memo Minder "Things", History Drill, Multiplication Drill
 B040 EPISTAT-Statistical Package, Miscellaneous Communications
 B041 Galaxy Trek w/graphics from the Washington Capitol PC group
 B042 "Cheap" Assembler, RAM Disk, WordStar Utilities, "NUM"/"CAPS" Switch, Sort Directory
 B043 dBase2-Order Entry, Inventory System, modified from Sig/M Library
 B044 PC Picture Graphics System
 B045 Updated Remote Bulletin Board System, (extracted from Capitol PC)
 B046 Ringy Dingy Asynch Comm, PC-File III
 B047 Software Encipherment Misc Utilities, (extracted from Capitol PC)
 B048 Portfolio Valuation System, Miscellaneous Utilities
 B049 Remote Bulletin Board System v12.1
 B050 FreeCalc (Spreadsheet)
 B051 Tax 4-5-6(Lotus Template-Taxable Year 1983)
 B052 Miscellaneous Utilities, New-Key, Vincent Bly Utilities
 B053 PC-Dial (Comm), PC-Write (WP)
 B054 FIG-Forth (volume 1 of 2)
 B055 FIG-Forth (volume 2 of 2)
 B056 Utility 1-2-3 (utilities for Lotus 1-2-3)

B057 Ultra Utilities, Squeeze/Unsqueeze, Library Update System, Disk Utility
 B058 Genealogical System
 B059 EPISTAT v3.0, Statistical Package, PC-Compare
 B060 Ten-Key (limited version), Media Magician (limited version), PC-Musician
 B061 Miscellaneous BASIC Games
 B063 LOTUS Templates, Programmer's Calculator, Touch Typing Practice, Print Spooler
 B064 Home Finance Program, Full Screen Editor, BASIC Program Optimizer, DOS 2 Utilities
 B065 Micro Accounting System, Mailmen Programs, Task Planning Program, Mail List System, Calendar Reminder
 B066 Miscellaneous Utilities
 B067 File Manager - Updated from vol 30, Finance Manager, COMFAX Justify Program
 B068 DOS Menu Master, 8086/8087/8088 Disassembler, Miscellaneous System Utilities
 B069 Virtual Teaching Language Interpreter
 B070 Disk File Catalog Program
 B071 Encipherment System v1.53, PC-DOS version
 B072 Super Encipherment, MS-DOS version 1.52
 *B073 Tips, Notes, & Techniques for the IBM PC
 B074 Remote Bulletin Board System - PC ver 12.2b
 B075 Property Manager from Sig, M volumes 198-199, requires dBase II v2.4)
 B076 Updated Communication Systems
 B077 FIDO-Net Bulletin BHARD System v9, (volume 1 of 2)
 B078 FIDO-Net Bulletin BHARD System v9(vol2 of 2)
 B079 Remote Bulletin Board System - PC v12.2c, from Washington Capitol User Group
 B080 Multi-Function Utility v2.0, Experimental LISP - XLISP, Fog Finder v1.0, Load, Execute from LBR v1.2
 B081 Miscellaneous Utilities
 B082 8086 FORTH v2.1.0
 B083 Finance Manager v3.0, Personal Datebook
 B084 LOTUS Power Worksheets
 B085 GLUDRAW - Line Graphics System
 B086 MS-DOS ROFF Text Editor v1.60, Extended Batch Language v2.0
 B087 ListMate - "Mail Merge" for MultiMate, PC-Check - Check Balancing System

- B088 FT-Etc - Family Tree Utility, Letters n' Labels, Bannerific - Large Banner Generator
- B089 Disk Copy Utility, Small Spreadsheet, Global Pathing Utility, Directory Commands, Toshiba Printer Driver-Volks-writer
- B090 SuperTrek from 370 Mainframe, converted onto IBM PC-requires 8087, (Fortran source code - volume 1 of 3)
- B091 SuperTrek from 370 Mainframe, converted onto IBM PC - requires 8087, (Fortran source, support files vol 2 of 3)
- B092 SuperTrek from 370 mainframe, converted onto IBM PC - requires 8087, (documentation, run-time files volume 3 of 3)
- B093 IBM PC User Group Newsletter, November 1984 Exchange
- B094 Miscellaneous Utilities, Programmer's Calculator, PC-Dos 2 HELP Utility, dBase II Mail-List, Compact "XModem" Program, Typeout "Squeezed" Files, System Clock Reminder
- B095 Word Processor for KIDS, Checkbook, Ledger Utility, File List Program
- B096 FIDO Bulletin Board System v10.0, (volume 1 of 2)
- B097 FIDO Bulletin Board System v10.0, (volume 2 of 2)
- B098 RBBS-PC Bulletin Board System v12.2d, (volume 1 of 2 from Capitol PC)
- B099 RBBS-PC Bulletin Board System v12.2d, (volume 2 of 2 from Capitol PC)
- B100 U.S. Census Utility, County and City Databook (volume 1 of 2)
- B111 miscellaneous utilities
- B112 miscellaneous utilities
- B113 Time and Money v1.1B, A Simple Financial Monitoring System
- B114 PC-Talk III (assembler version)
- B115 ScreenWrite Formatting Program
- B116 Genealogy, Church, Checkbook Management, Checkbook Dist PGMS
- B117 Genealogy On Display v3.0 by Melvin O. Duke
- B118 PC-Talk (.EXE) v2.1 Host-III v1.1 QModem Background Dialer
- B119 NewKey v2.1,3, System Reset, Kermit v2.27
- B120 Investment Record System Check Reconciliation New Fonts, Menu Generator
- B121 General Ledger Accounting MergePlan - MultiPlan, Consolidator, miscellaneous utilities
- B122 Symphony Applications, Medical /Banking Worksheets
- *B123 Lotus Graphics Printer Library II, Symphony Insurance worksheets
- *B124 Lotus 123 Worksheets, Lotus Macro Conversion Aid
- B125 3by5 Information Management v1.0
- B127 File Express version 2.95, Information Management System, (2 of 2 - reference)
- B128 Prolog version 1.32, Spacewar-color graphics game, Bluesbox-music generator
- B129 XLISP version 1.4
- B130 PC-Write version 2.4
- B131 PC-DBMS version 1.0
- B132 Origami [CGA] Paper Folding
- B133 DeskMate v1.0 /Partner v1.1
- B134 Label Master
- B136-7 Personal Accounts Manager
- B138 Remote Bulletin Board System v12.5A Capital PC Users Group - vol 1 of 2
- B139 Remote Bulletin Board System v12.5A Capital PC Users Group - vol 2 of 2
- B140 PIBTERM vs 2.0 terminal emulator & host communications, facility JUDY vs 1.01, background desktop utility
- B141 DIALER background dialer, RM1200B software power on reset
- *B142 Miscellaneous Utilities, archive utility, overwrite boot sector, examine all RAM (1MB), file encryption, list utilities, file managers, Buerg's library utilities, squeeze, unsqueeze, disk cataloging, display environment, sort large files, TREE directory
- B143 PC-Talk III v2.6 - Modem Communications, Termulator v1.0 - Kermit, XModem Compatible, Minitel v3.2 - Modem Communications, Butler v1.01 - Automatic Modem Communications
- B144 Miscellaneous Utilities:, area code utility, create .BAT files, Bly's utilities, simple sci calculator, auto CAPS LOCK, file encryption, DES module, memory map display, disk and file utilities
- *B145 Hints, Tips, & Notes, 1-2-3 to dBase III/dBase III to 1-2-3, dBase III fixes, Macro Assembler tutorial, Copy B -> C/Copy C -> B, extending DoubleDOS 1.0, 640KB on XT systemboard, Multimate fixes, Turbo Pascal tutorial, Wordstar patches
- *B146 XLISP version 1.5
- B147 Fun & Games: alfred, bumblebee, eliza, face, flies, funphone, furelise, happy, hopper, insults, joycal, kaleidoscope, keyclick, kirk, luv, merry, piano, polymaze, qt2, romzap, santa, sc, sharks, simpmaze, soundcar, spock, thatsall, typerite, vertigo, werzwold
- B148 Potomac Pacific Engineering 1 of 2
- B149 Potomac Pacific Engineering 2 of 2, database-, spreadsheet-, expert-system
- B150 Flow System Organizer, Visible Pascal
- B151 miscellaneous utilities: software reset floppy config, unsqueeze .?Q? files, "Autodex" - file manager, BIOS ROM date display, command editor, subdirectory CHKDSK, DISKCOPY with bad tracks, displays PC switch settings, expanded directory, displays dBase index structures, squeeze entire diskette, unsqueeze entire diskette, equipment display v1.02, keyboard enhancer v2.2, library update program, displays I, O drivers, ASCII screen editor, rename file, rename subdirectory, slide screen column ruler up-down, add-remove tabs from ASCII files, file manager, window background utility, converts Wordstar text
- B152 Confidant v2.0 Encryption Program, Symphony Macro Conversion Aid, & Range Input Command
- B153 Fun & Games
- B154 Small DataBase - SDB v2.0 Ron Cain's Small-C:PC v1.1
- B155 RBBS-PC v12.5b volume 1 of 2
- B157 Public Domain PROLOG, by Automata Design Associates
- B158 AnalytiCalc-86 v18-04e MS-DOS Integrated Spreadsheet, volume 1 of 2
- B159 AnalytiCalc-86 v18-04e MS-DOS Integrated Spreadsheet
- B160 Genealogy ON DISPLAY version 3.1
- *B161 FANSI-CONSOLE version 1.11/1.13
- B162 OmniEdit /DOS Assistant v2.0, LetterFall typing instructor, XRay adjustable window
- B163 dGENERATE v1.0 /dBASE3 code generator
- B164 PRESENT v5.1 slide presentation
- B165 Deduct-A-Matic tracks PC usage
- *B166 Program For Simple Algebra - PFSA
- *B167 PC-Write version 2.55
- B168 pBASE version 1.02 /PC-Recipe, SL dBASE SideLine version A1.0

- *B169 LEARN version 0.6, The MAILMAN version 2.0
- B170 PIBTERM version 3.0, BUTLER version 1.03
- B171 ESCRENS -Easy Screens
- B172 FASTFMT fast formatting program, dBASE2 screen generator, Kraft Paint painting with joystick, XWORD v2.12 format translator, ECHOMODB echo of blank lines in .BAT, HOUSEKEEP file handler w/LBR functions
- B173 Bradford v1.20 multifont print support
- B174 ESIE version 1.1 Inference Engine, HALLEY'S Halley's comet finder
- B175 QModem -version 1.12, modem communications program, TRYVMSYM -version 1.1, virtual memory for Symphony 1.1 using up to 4mb on fixed disk, PROINDEX -version 1.2 indexing system for text files
- B176 The EXPERT Knowledge Based system, CH Church Management system
- *B177 LetterWriter v2.0 /DOS-A-Matic v2.0, PUBLIC mailer labeller, DISKIT disk repair utility
- B178 CaveQuest /Naval War Simulator, ARROW turtle graphics
- B180 ACCUTAX 86-1985 tax preparation software
- B182 Freeword version 1.0 WP, Cut/Paste and NotePad
- *B183 PROLOG type PD version 1.8
- B185 Z80 CP/M 2.2 Emulation under PC-DOS
- B186 NYWord version 1.1-word processor, WSID-WordStar File ID Index System
- B187 QModem version 1.13-modem communications, VINTRO-Tutorial on NEC V20/V30 CPU's
- B188 LISP Interpreter, NYWord version 1.2-word processor
- *B189 Color Graphics Adapter Games, One-Arm BANDIT, BlackJack-BJ, Poker, Rockets, Roulette, Stock, SubChase
- B190 Color Graphics Adapter Games, Striker/Kong/Golf/Monopoly
- B191 QModem version 2.0E, modem communications
- *B192 ICON-high level language version 5, SNOBOL like programming language, Small-C Interpreter version 1.3
- B193 Colossus-remote bulletin board, QModemJr-modem communications
- B194 Kermit version 2.28, modem communications
- *B195 EZ-FORMS, form generating program, PC-Font2 version 2.04, Epson printer utility
- B196 Nutrient-food analysis program
- *B197 DBS-Kat version 1.3, super capacity diskette cataloger
- *B198 RBBS-PC version 14.1A, remote bulletin board system
- *B199 RBBS-PC version 14.1A, remote bulletin board system
- B200 ProComm version 2.3, modem communications
- B201 Still River Shell v1.21, file and directory management, Wagner File Utility v1.88, hierarchical file management, Calc2, extended precision calculator
- B203 Reliance Mailing List version 2.0, GW Turbo - name and address database
- B204 PC-RIM database management system, volume 1 of 3 (program)
- B205 PC-RIM database management system, volume 2 of 3 (help and documentation)
- B206 PC-RIM database management system, volume 3 of 3 (source files)
- B207 Mr BILL - billing system, volume 1 of 2 (input preparation)
- B208 Mr BILL - billing system, volume 2 of 2 (report generation)
- B209 CK - income and expense tracking, volume 1 of 2 (input preparation)
- B210 CK - income and expense tracking, volume 2 of 2 (report generation)
- B211 AnalytiCalc version X20.04D, integrated system, volume 1 of 3
- B212 AnalytiCalc version X20.04D, integrated system, volume 2 of 3
- B213 AnalytiCalc version X20.04D, integrated system, volume 3 of 3
- B214 Regular Expression Compiler, volume 1 of 2, authors-Gerado Cisneros, H V McIntosh
- B215 Regular Expression Compiler, volume 2 of 2, authors-Gerado Cisneros, H V McIntosh
- B216 PianoMan version 3.0
- B217 PC-Key-Draw version 3.0, Keyboard to Screen Graphics
- B218 Genealogy ON Display version 4.0
- B219 PC-HAM Ham Radio Package
- B220 TOXIC Gas Emergency Program, BlaqueBook N, A mini-database system
- *B221 RBBS-PC version 14.1b, (diskette 1 of 2), Remote Bulletin Board System, Capital PC User Group
- *B222 RBBS-PC version 14.1b, (diskette 2 of 2), Capital PC User Group, remote bulletin board system
- B223 Cantonese version 2.0, how to speak Cantonese tutor, Styled version 1.0, text analyzer, submitted by Louie Crew, English Department, Chinese University, Shatin, N.T., Hong Kong
- B224 FreeCalc version 2.0, electronic spreadsheet
- B225 PC-Code3, PC-Code4 version 6.2, software encryption
- B226 MI-Anaylst version 1.10, mortgage investor's forecasting tool, PC-Books version 1.0, general ledger
- B227 PC Accounting I, single entry accounting system, designed for very small businesses
- B228 PC Accounting II, double entry accounting system, with AP, AR, PR, and inventory options
- B229 D'SCOPE, converts IBM PC into line monitor
- B230 Spline version 1.3, calculates spline under tension, through given points, Graph version 2.0, displays line graphs (CGA or equivalent), Templates of Doom, adventure learning in Lotus
- B231 PC-GL version 2.7 general ledger, PC-AR version 3.4 accounts receivable, PC-PR version 1.3 payroll
- B232 PC-Outline version 1.06
- B233 MCBS General Ledger version 3.2
- B234 PC Magazine-Laboratory Benchmark Series, Hardware Performance Tests-release 3
- B235 Finance Manager II-GL Version 1.0
- B236 A86 Macro Assembler version 2.11, Extended Disk File Manager DX v1.42
- B237 Automotive Accounts Receivable v1.40, Portfolio ROI and Tax Software v2.08
- B238 Statistical Process Control v1.1, for manufacturing and , assembly control
- B239 Images from the Mandelbrot Set
- B240 CalTech Utilities
- B241 Managing Money with Your IBM PC: The Stock Trader v2.0, maintains selected stock prices, Disk File Manager v1.0, maintains log of disk files, The Program Wizard v1.0, program start-up menu shell
- B242 ATT 6300 Technical Notes, ATT 6300 Clock, Calendar Utilities, Set 80 x 50 Video on ATT 6300
- B243 QModem version 2.20
- B244 PC-Class, a teacher's gradebook, COVER26 -produces diskette cover listing, MULTGLED-multiple global editing of files, MEGASORT -text file sort utility
- B245 Structured Programming Language v1A

- B246 Kermit version 2.29, modem communications system, distribution-Columbia University
- B247 Turbo PASCAL I/O Routines, Spelling Checker v1.2, Programmable RPN Calculator v1.4, Othello v3.0
- B248 Micro Development Software BASIC utilities, Advanced LOTUS 123 Tutorial, Symphony Command Language, distributed by Lotus Development, ARTificial Art
- B249 RBBS-PC version 14.1d (vol 1 of 2), remote bulletin board system, from Capital PC Users Group
- B250 RBBS-PC version 14.1d (vol 2 of 2), remote bulletin board system, from Capital PC Users Group
- B251 PAYROLL USA System version 1.0, (volume 1 of 2), from Anthistle Systems & Programming Ltd
- B252 PAYROLL USA System version 1.0, (volume 2 of 2), from Anthistle Systems & Programming Ltd
- B253 PC Accounting Systems, PC-GL version 2.9, PC-AR version 3.6, PC-PR version 1.3, from Jerry Medlin
- B254-5 PC-Write v2.7 word processor
- B256 Laboratory Benchmark Series, release 4, November 1986, from PC Magazine (PC Labs)
- B257 DBS-KAT version 2.0, super capacity diskette cataloger, from RH Martin, Applied Foresight Inc
- B258 FANSI-Console version 2.0, (volume 1 of 2), from Hersey Micro Consulting, Inc.
- B259 FANSI-Console version 2.0, (volume 2 of 2), from Hersey Micro Consulting, Inc.
- B260 Turbo Pascal Programming (Volume 1 of 3), Turbo Exchange BBS, Syracuse, NY
- B261 Turbo Pascal Programming (Volume 2 of 3), Turbo Exchange BBS, Syracuse, NY
- B262 Turbo Pascal Programming (Volume 3 of 3), Turbo Exchange BBS, Syracuse, NY
- B263 LQ version 2.24, near letter quality from dot matrix printers, from Mark Harris
- B264 Kwikstat - statistical analysis, volume 1 of 2, from Alan C Elliott, Mission Technologies
- B265 Kwikstat - statistical analysis, volume 2 of 2, from Alan C Elliott, Mission Technologies
- B266 DROEGE - Design Robot for Origination, of Exacting Graphic Engineering v1.81, designed for printed circuit layout, volume 1 of 2, from Environmental Optics Corp
- B267 DROEGE - Design Robot for Origination, of Exacting Graphic Engineering v1.81, designed for printed circuit layout, volume 2 of 2, from Environmental Optics Corp
- B268 COLOR Utility - controls foreground/background colors, from J K and Associates, CRAYZ15 - Turbo Pascal utilities, from Adam Fritz, ML22 - Mailing Label System version 2.2, from Larry Jacobson, St Louis Business Systems, PFROI209 - Portfolio Management Program v2.09, from Robert N Hobbs, Techserve Inc.
- B269 ProComm version 2.42, modem communications
- B270 V20/80386 Disassembler, Laplace Equation in 2 Dimensions, CONTOUR
- B271 Horse Race Handicapping (R:Base 5000), Mailing List Management (R:Base 5000)
- B272 NYWord version 2.1 - Word Processor
- B273 QModem version 2.3 - modem communications, ScreenWright Professional version 2.0
- B274 DREAM - Data Retrieval, Entry, And Management, (5 diskette set on 3 volumes)
- B275 DREAM - Data Retrieval, Entry, And Management, (5 diskette set on 3 volumes)
- B276 Data Retrieval, Entry, And Management, (5 diskette set on 3 volumes)
- B277 MR. BILL - Legal Time and Billing System (V3.12), Input Modules - Volume 1 of 2, (Replaces 278 MR. BILL - Legal Time and Billing System (V3.12); Report Modules - Volume 2 of 2, (Replaces 279 Classical Classifier - Outline and Text Processor, Label Master Label Maker, Finditem - String Finder
- B279 Classical Classifier, Outline Text Processor, Label Master label maker, Finditem string finder
- B280 Commando Disk Manager System, Master Key Disk Management Utilities, Mspantoc Document Processing Utility
- B281 AMTAX86 - 1986 Income Tax Preparation, TAX87 - 1987 Income Tax Projection
- B282 Miscellaneous Games, Intercept [CGA], "Original" Adventure [text]
- B283 BetterWay Calc version 1.0, electronic spreadsheet, The I-Ching version 2.1, The Book of Changes
- B284 Bible-Q [bible quiz], Stock [stock market simulation]
- B285 Genealogy ON DISPLAY version 5.0
- B286 Miscellaneous Text Editors, DOS-EDIT, EDWIN version 1.3, EZEDIT version 1.2, MRE version 1.0, PROEDIT version, QED version 4.7
- B287 Screen Handling Utilities, Subdirectory Utilities, screen handling utilities for Hercules monochrome & IBM video adapters
- B288 BBS Directory Assistance, BB-SUTILS - matches .DIR's with subdirectories, BBDIR - maintains master and separate .DIR's
- B289 Property Manager version 2.0, for Tenanted Real Estate Management, [Clipper-based system]
- B290 AsEasyAs version 2.05, Lotus 123 "clone 1024r x 256c"
- B291 Desk Management Utilities "SideKick clones", DeskTeam version 1.03, Right Hand Man version 3.3
- B292 Kermit version 2.29B
- B293 XANADU Utilities - HDIR, PCSTAT3 & SFIND, POPE-DIT memory resident screens, FORTH TUTOR (with F-83 Forth), SMALLDOC Document Printer
- B294 CALC V3.01 Calculator with Graphing Capability, CI-TYDESK V2 Newsletters on Dot Matrix Printer, LPTX V6.00 Line Printer Output Capture Routines
- B295 Program for Simple Algebra - PFSA (updates 296 The Brown Bag Collection (Volume 1 of 3), HomeBase v2.0 Desktop Organizer, (HomeBase continues on Volume 297)
- B296-7 HomeBase v2 Desktop Organizer
- B297 The Brown Bag Collection (Volume 2 of 3), PowerMenu Menu Maker, HomeBase v2.0 Desktop Organizer, (HomeBase starts on Volume 296)
- B298 The Brown Bag Collection (Volume 3 of 3), Goal Seeker for Spreadsheets, PC Outline Outline and Planning Program
- B299 RBBS-PC version 15.1A (Volume 1 of 3), remote bulletin board system
- B300 RBBS-PC version 15.1A (Volume 2 of 3), remote bulletin board system
- B301 RBBS-PC version 15.1A (Volume 3 of 3), remote bulletin board system
- B302 PseudoSAM Cross Assemblers, (volume 1 of 2)

- B303 PseudoSAM Cross Assemblers, (volume 2 of 2)
- B304 COordinate GeOmetry, Surveying/Engineering Applications
- B305 The Front Office - (Volume 1 of 2), A prospecting, sales management, job costing, customer reporting and control system
- B306 The Front Office - (Volume 2 of 2); Extend Your Personal Influence, Self help tool. Mail Manager, Clipper mailing program.
- B307 T-Ref: Turbo Pascal source listing and cross referencing. Still River Shell v1.82 Enhanced system environment for files and directory. (Updates 308 PC-Key-Draw, Drawing program). Aquarium: Turn your PC into a fish tank. Tictac: Tic-tac-toe game
- B308 PC-Key-Draw /Aquarium /Tictac
- B309 MSDOS Utilities, Handy DOS utilities with source. Freemacs Emacs Editor, Ezcount Word Counter
- B310 Qmodem v3.0 (Volume 1 of 2), Communications program; PC-File + database manager; The Buttonware Collection (Volume 1 of 6)
- B312 PC-File+ database manager
- B313 The Buttonware Collection (Volume 2 of 6); PC-Type - Word Processor (Dictionary on Volume 314)
- B314 The Buttonware Collection (Volume 3 of 6) PC-Style - Writing Analyzer, PC-Type - Dictionary File (Program on Volume 313)
- B315 The Buttonware Collection (Volume 4 of 6), PC-Dial - Communications Program, PC-Graph PC-File Graphing Utility
- B316 The Buttonware Collection (Volume 5 of 6), PC-Calc - Spreadsheet Program, XD - DOS Extension
- B317 The Buttonware Collection (Volume 6 of 6), PC-Tickler - Calendar Program, Butgames - 2 games from Buttonware
- B318 PC-RR model railroading, 1987 PC-ACCOUNTING
- B319 METRIC measures complexity of PASCAL program, PC-DRAFT text formatter, SCREEN-DO v1.0 design and create text screens
- B320 HP Laserjet+ Utilities
- B321 MiniHOST simple BBS system
- B322 The EXECUTIVE time log management, FQS financial question system, PROBLEM calculates percentages, ratios, and proportions, MANDELEX version 1.1, displaying the Mandelbrot Set
- B323 AUGUSTA Public Domain ADA
- B324 Window BOSS C Window Package, CSPOTRUN C Library for Turbo C, modified by Mike Strock
- B325 ADVBAS33 Advanced BASIC Routines v3.3, NYEdit Macro Editor, Companion to NYWord
- B326 GLWP Great Little Word Processor, POP-HELP, HELP General Purpose HELP
- B327 IBM 370 Assembly Language Emulator v2.0
- B328 LQ version 2.22
- B329 Two General Ledger Programs
- B330 GAGS - Generic Adventure Game System v1.06B, Create your own games.
- B331 NYWord version 2.2 - Full Feature WP
- B332 DROEGE - Design Robot for Origination, of Exacting Graphic Engineering v1.82, Manual CAD printed circuit layout
- B333 PC Accounting Systems, PC-GL version 3.0, PC-AR version 3.7, PC-PR version 1.4
- B334 Flashbak - Hard Disk Backup System, Shortcut - RAM Res. Pop-Up DOS Shell Menu
- B335 CK - income and expense tracking v3.0
- B336 Baker's Dozen, 13+ Powerful Utility Programs
- B337 Full Documentation for PC-File+, [supplements 312]
- B338 Hard Disk Menu [HDM]
- B339 FINDEX format free database, NAMEPAL name and address database, Micro GENE pedigree database
- B340 MOVIEBASE movie classification database
- B341 PC-ACCOUNT version 2.05, personal accounting database, HORNAD the Castle of Hornadette
- B342 SURFMODL version 1.2, [diskette 1 of 2], surface modeling system
- B343 SURFMODL version 1.2, [diskette 2 of 2], surface modeling system
- B344 PCHECK3 Personal Checking Account Management
- B345 RBBS-PC version 15.1b [1 of 3], from Capital PC User Group
- B346 RBBS-PC version 15.1b [2 of 3], from Capital PC User Group
- B347 RBBS-PC version 15.1b [3 of 3], from Capital PC User Group
- B348 Cellular Automata, Abstract Mathematical Art-Byte December 1986, authors-Kenneth E Perry, Harold V McIntosh
- B349 PD LISP
- B350 PD PROLOG version 1.95D
- B351 3DCHESS v1.01, LOTTO Master v3.10, Math Pak II v3.0
- B352 Checkbook Charlie v2.1, Menu Master v2.1, RX50 v1.03 DEC RX50 Compatibility
- B353 Modula-2 Compiler, from Fitted Software Tools
- B354 Property Manager version 2.1, for Tenanted Real Estate Management, [Clipper-based-system]
- B355 HP Laserjet II Utilities and Fonts (1 of 2), from the Cooperworks & Jamestown, Software BBS Laser Conference, (1-608-271-3685)
- B356 HP Laserjet II Utilities and Fonts (2 of 2), from the Cooperworks & Jamestown, Software BBS Laser Conference, (1-608-271-3685)
- B357 A86 Macro Assembler version 3.09
- B358 Backgammon version 2.00, from Software Creations of Hawaii, PC-Fastype v 3.0 Typing Teacher, from Trendtech Corporation, Inc., Geochron - Time Around the World, from GeoGraphics Software, Mandalex v 2.1 Mandelbrot Demo
- B359 PC-Accounting - AP, GR, GL system, from Pro-Systems Software, Inc.
- B360 CI v 1.10 - CPU and Wait State Information, DISKIT - Shell for Microsoft Windows, Navytime 1.1 - Naval Observatory Time, Pro-Diag - Advanced Port Diagnostics, RCOMM - Resident Communications Program, SAIL-ED - Window Oriented Text Editor, from Software Creations of Hawaii, TPOP v 3.0 Resident Printer Control, from Big John Software
- B361 Aseasy v 3.0 Spreadsheet, from Trius, Inc., Newkey v 4.6 Keyboard Enhancer
- B362 Snap v 2.2 dBase2 and dBase 3, Documentation and Development System, Litebar v 4.2 Menu Generator, Ccur v 2.6 Counting Cursor
- B363 ROS v 3.70 Bulletin Board System, Pkarc v3.5 Fast Archive Utilities, NSWV v 1.9 File Utility
- B364 File Express v 4.1 (volume 1 of 2), Database Management Program, from Expressware Corporation
- B365 File Express v 4.1 (volume 2 of 2), Database Management Program, from Expressware Corporation
- B366 SPE Structogram and Program Editor v1.0, CBUTTON Ne-

- bula/Dark Continent, adventure games, XXXPERT v3.0 expert system
- B367 Vanilla SNOBOL4 v2.04, PROPHET lottery statistical compiler, and prognosticator
- B368 Mass Appeal-Mail List Manager, Still River Shell version 2.24
- B369 DIS86
- B370 LaPlace-LaPlace Equation in 2 Dimensions, Medlin Accounting Series [GL/AR/PR/AP]
- B371 BarCode graphics generator, HDP Accounts Receivable, MAIL210 Reliance Mailing System v2.10, [updates 203]
- B372 Wampum version 3.1b [disk 1 of 2], database management system
- B373 Wampum version 3.1b [disk 2 of 2], database management system, Docket Minder version 1.2, The Lawyer's Assistant, Generic Multi Document Law Practice System, (requires WordPerfect 4.2)
- B374 Grocery Store Coupon Organizer, Church Membership System, Church Prospect Information System, Purchase Order System
- B375 Boyan D3 Communication Program, by Justin Boyan, Gemfiles, Clip Art for Gem and Ventura Publisher
- B376 Qmodem v3.1 (Volume 1 of 2), Communications program., Updates 377 Qmodem v3.1 (Volume 2 of 2), Communications program
- B378 PC-Util v1.1 miscellaneous utilities
- B379 Book201 -divides text files into, odd and even page files, Multi-File v1.5 -mailing list database, Artificial ART -graphic image generator, Wheel of Misfortune -game
- B380 Small-X -expert system shell, HDP -accounts receivable
- B381 C Spot Run -official release, windowing library for C programmers, [replaces 324]
- B382 MYSTAT -interactive statistical program
- B383 GT Power Communications v13 [disk 1 of 3],
- B384 GT Power Communications v13 [disk 2 of 3]
- B385 GT Power Communications v13 [disk 3 of 3], Turbo Editor Toolbox, Quick Directory, Digger [game]
- B386 386BUG -checks for gray market MPU, LIMS 4.0 for Intel AboveBoard
- B387 FastMenu v1.2, PC-Accounting
- B388 Amortization Table, Screen Print Bar/Line Graph v1.3,
- Backgammon version 2.0, DOS COPY Replacement, Menu Master
- B389 MICROTEK utilities, Mail Management System v2.5
- B390 HP LaserJet+ Fonts for Ventura
- B391 HP LaserJet+ Fonts for Ventura
- B392 AT ROM Utility, QEDIT138 v1.38B quick editor, T-REF11 v1.1 Turbo Cross Referencer,
- B393 MiniHost communications system, QuickTalk v2.1 modem communications, Still River Shell v2.36 command menu shell
- B394 CheckMate v1.05 checkbook management, Galaxy v2.2c word processor, authors-Steve Schauer and Bob Foster
- B395 PC Text v2.0c text analyzer toolbox, West Virginia College of Graduate Studies
- B396 EnvelopHPLJ v5.02 address envelopes on HPLJ 2, TMSN3060 60 Pt Times Roman for Ventura, Magic Menus v1.0b menuing program
- B397 Professional MasterKey v2.1a, operating system utility
- B398 CheckMate-GL v1.0 general ledger, HP LaserJet Fonts for Microsoft Word
- B399 On-Line Reference version 1.0, memory resident on-line reference, Blackbeard Programmer's Editor version 7.34
- B400 Batch Menu Maker version 4.0, File Finder version 2.06, Personal POET version 3.0, all purpose card catalog and paper list, SPKX11 Shell for PKXARC version 1.1, Aardvark, Abm, Bowling, Brick, Bugs, Chsong, Fxlabale, Keno, Kidnap, Labl-makr, Lease, Memo, Monopoly, Qubert, Spacwar, Starlane, Stocks, Stress, Tem-Ins, Temple
- B401-2 PC-SSP Scientific Subroutine Pkg
- B403 Income Tax Preparation Programs AmTAX87 /FedTAX87 (req 123) /TaxCAL
- B404 Portfolio Manager PFROI v3.0
- B405 FastBucks version 3.18 Home Finance Mini Coupon Cataloging v1.0
- B406-7 Wildcat BBS version 1.03 SW
- B408-9 A Robot Control "C" Library
- B410 Profile Professional Filing v1.0
- B411 Pascal Tutorial version 2.00
- B412 Modula-2 Tutorial version 1.00
- B413 Turbo-C Tutorial version 1.00
- B414 Generic C Tutorial version 2.00
- B415 DMail v3.1 Mailing List System PC-Tax87 v87.1 1987 tax preparation
- B416 CopyFit v1.0 copyfitting software Hard Disk Menu III v1.0
- B417 Espresso -digital logic CAD tool
- B418 Checking Acct Management Syst v2.12
- B419 JOBS v3.10sa Disk Org & Backup System
- B420 Cambridge Handicappers version 3.0 Harness/Greyhound/Thoroughbred
- B421-2 PC-CALC+ electronic spreadsheet
- B422 PC-CALC + electronic spreadsheet, [volume 2 of 2 utility disk], author-Jim Button
- B423 PC-CALC + documentation, reference PC/Blue volumes 421-422, author-Jim Button
- B424 COordinate GeOmetry [COGO] v1.22, Surveying/Engineering Application, author-GeoCalc Software Systems Co.
- B425 MrBill version 3.26 [1 of 2], professional billing system, author-David M Alexander
- B426 MrBill version 3.26 [2 of 2], professional billing system, author-David M Alexander
- B427 PC 370 version 3.2, 370 emulation
- B428 PC-File + version 2.0 [1 of 2], author-Jim Button
- B429 PC-File + version 2.0 [2 of 2], author-Jim Button
- B430 Turbo C Utilities, compiled by NY Turbo Pascal User Group, ImagePrint version 1.5, author-Christopher McVicar
- B431 DROEGE - Design Robot for Origination, of Exacting Graphic Engineering v1.85, Manual CAD printed circuit layout, [updates PC/Blue 332], from Environmental Optics Corp
- B432 DMail version 3.2, from Tele-Medico, MiniGEN v1.2/1.4, Turbo Pascal Programming Tool, author-Eric Snyder
- B433 ProComm Plus Test Drive, modem communications, authors-DataStorm Technologies Inc
- B434 X Window System version 11, functional specifications, development of MIT Project Athena
- B435 The HOLY BIBLE - King James Version (1 of 6), Old Testament (Genesis through Deuteronomy)
- B436 The HOLY BIBLE - King James Version (2 of 6), Old Testament (Joshua through 2 Kings)
- B437 The HOLY BIBLE - King James Version (3 of 6), Old Testament (1 Chronicles through Psalm)
- B438 The HOLY BIBLE - King James Version (4 of 6), Old Testament (Proverbs through Ezekiel)

- B439 The HOLY BIBLE - King James Version (5 of 6), Old Testament (Daniel through Malachi), New Testament (Matthew through John)
- B440 The HOLY BIBLE - King James Version (6 of 6), Old Testament (Acts through Revelation)

CAPITAL-User Group (CPCUG) (TGM-94)

- CPCUG 001-M1 SW LIST & CPCUG FILES REL. 10/27/85
- CPCUG 002-M2 U123 (LOTUS TEMPLATES) REL. 7/16/84
- CPCUG 003-M3 CRITICAL PATH METHOD (CPM) REL. 1/25/84
- CPCUG 004A-004A KERMIT COMMUNICATIONS PROTOCOL REL. 5/26/84
- CPCUG 004B-004B KERMIT COMMUNICATIONS PROTOCOL REL. 5/26/84
- CPCUG #6 VER 1.0 PC-FILE3 INFO MANAGER
- CPCUG 007-010 PASCAL PRIMER
- CPCUG 008-011 UTILITIES I
- CPCUG 009-014 GALAXYTREK CHALLENGING BOARD GAME;REL.3/19/84
- CPCUG 010-015 ASSEMBLY I
- CPCUG 011-017 MISC. I
- CPCUG 012-018A VER. 12.5B RBBS-PC BULLETIN BOARD PROG; 8/28/85
- CPCUG 013-020 PC-DIAL MODEM PROGRAM; REL 1/19/85
- CPCUG 014-021 UTILITIES II
- CPCUG 015-022 VER 2.4 PC-WRITE WORD PROCESSOR; 4/29/85
- CPCUG 015-024 ASSMY.AIDS ASSEMBLER PROGS W/ SOURCE CODE 6/20/83
- CPCUG 016-024 EPISTAT STATISTICS PROGRAMS; REL 4/16/84
- CPCUG 017-025 MISC. II
- CPCUG 018-026 PCPG PICTURE GRAPHICS; REL. 6/18/84
- CPCUG 019-027 MISCEL.III PROGRAMS AND GAMES; REL. 7/16/84
- CPCUG 020-028 UTILS III UTILITIES III; REL. 8/20/84
- CPCUG 021-029 DISKCATLOG DISK CATALOG; REL. 5/13/85
- CPCUG 022-030 UTILIT. IV UTILITIES DISK; REL. 10/13/84
- CPCUG 023-031 HOLIDAY I GENERAL REL. 12/17/84
- CPCUG 024-032 MISC IV REL. 12/17/84

- CPCUG 025-033 PC-CALC VER 2.0 REL. 1/21/85
- CPCUG 026-034 123 TAX 84 & MISC REL. 1/28/85
- CPCUG 027-035 3 BY 5 REL. 2/18/85
- CPCUG 028A-036A DISK 1 OF 2 FILE EXPRESS VER 3.07 REL. 10/27/85
- CPCUG 028B-036B DISK 2 OF 2 FILE EXPRESS VER 3.07 REL. 10/27/85
- CPCUG 029-037 CONTEST WINNERS REL. 3/24/85
- CPCUG 030-038 MISC V REL. 5/13/85
- CPCUG 031-039 FINANCE MANAGER REL. 6/10/85
- CPCUG 032-040 SLIDE VER 1.0 REL. 4/12/85
- CPCUG 033-041 QMODEM VER 1.07 REL. 5/24/85
- CPCUG 033-042 PC-VT VER 8.1 REL. 8/12/85
- *CPCUG 034-043 HELP (PC-DOS) BEGINNERS VER 2.0 REL. 8/19/85
- CPCUG 035-044 MISC VI REL. 8/24/85
- CPCUG 036-045 PC-DESK II VER 2.4 REL. 8/28/85
- CPCUG 036-046 EDUCATION I VER 4.30 REL. 09/15/85
- CPCUG 038-047 TURBO PASCAL I REL. 09/15/85
- CPCUG 039-048 PC-DBMS VER 1.2 REL. 10/14/85
- CPCUG 040-049 LADYBUG VER 1.0A REL. 10/6/85
- CPCUG 041-050 FANSI-CONSOLE VER 1.07 REL. 10/26/85
- CPCUG 042-051 DESKMATES (TERRIFIC MEMORY-RESIDENT UTILITY)
- CPCUG 043A-052A PC-BOARD (BULLETIN BOARD SYSTEM) DISK 1 OF 2
- CPCUG 043B-052B PC-BOARD (BULLETIN BOARD SYSTEM) DISK 2 OF 2

Ecosoft englisch (X) (TGM-93)

- X001 CGA-Hercules-Simulation
- X002 PC-File+ (3 disks)
- X004 PC-Write
- X005 Chi Writer
- X006 Image 3D
- X007 Qubecalc
- X008 Sidewriter
- X009 PC-KeyDraw (3 disks)
- X011 Expert System ESIE
- X012 PDS Quote
- X013 PC Project Management
- X014 The Stock Trader

- X015 STAT TOOLS (2 disks)
- X017 PC Deskmate
- X018 C Tutor (2 disks)
- X020 Kermit
- X021 Still River Shell
- X022 Hard Disk Utilities
- X023 PC Musician
- X024 PC Chess
- X025 Flight Simulator
- X026 Monopoly PC
- X027 Personal Finance Manager
- X028 Fingerpaint
- X029 Super Pinball
- X030 AsEasyAs
- X031 DBS-KAT
- X032 BEST PLAN (2 disks)
- X034 Graphtime II Business Graphics Package (2 disks)
- X036 Packdisk
- X037 Disk Spool
- X038 MakMyDay
- X039 Hard Disk Menu System
- X040 PC Outline
- X041 Visible Pascal
- X042 Basic Programming
- X043 DOSamatic
- X044 ProComm (2 disks)
- X046 Turnkey
- X048 PC Graph
- X049 PC-Calc
- X050 Bridge Pal
- X051 UVESTOR
- X052 Composer
- X053 DANCAD 3D
- X054 DANMOVIE
- X055 DANMOVIE
- X056 DANMOVIE
- X057 Astrosoft Ephemeris (2 disks)
- X059 Lotus Tutorial und Arbeitshilfen
- X060 PC Demo
- X061 Imageprint
- X062 LOGO
- X063 PILOT Virtual Teaching Language Interpreter
- X064 Service Management (2 disks)
- X065 Flabak
- X066 HP Laserjet + Utilities (2 disks)
- X067 Minigen
- X068 LQ Printer Utility
- X069 Purchase Order System
- X070 Auto-Log
- X071 Homebase (2 disks)
- X072 Newbase
- X073 Japanese for Business and Travel
- X074 Instacalc
- X075 HelpDOS
- X076 SPL Structured Programming Language
- X077 Typing Evaluator
- X078 Home Insurance
- X079 Test
- X080 Baker's dozen
- X081 GAGS Generic Adventure Game System (2 disks)
- X082 PC Type+ (3 disks)
- X083 The Front Office (3 disks)
- X084 Critical Path Method
- X085 Parts Inventory Control

X086 Kinematics Linear Programming
 X087 Flow System Organizer
 X088 SURFMODL (3 disks)
 X089 DROEGE (2 disks)
 X090 LINPACK (2 disks)
 X091 WAMPUM (3 disks)
 X092 Crossword
 X093 Hercules Utilities (2 disks)
 X094 Drawman (2 disks)
 X095 Turbo C Tutorial (2 disks)
 X096 Modula2 Tutorial (2 disks)
 X097 EGA Utilities (2 disks)
 X098 Recovery TOOLS (3 disks)
 X099 Familienforschung (2 disks)
 X100 Origami
 X101 P-Basic
 X102 Telesale (Telemarketing)
 X103 PDS*Base (Hierarchal Data Base System)
 X104 Domino
 X105 Drawman - Draftsman (2 disks)
 X106 Picture Games
 X107 Option Evaluator
 X108 Family History System (2 disks)
 X109 Terra Time
 X110 Swiss Army Knife
 X111 Batch File Tutorial
 X112 City Desk (Desktop Publishing)
 X113 Fontastic (2 disks)
 X114 Flowcharter
 X115 Disk Drive Utilities
 X116 Batch File Editors
 X117 Disk Commando (2 disks)
 X118 Modula2 Compiler (2 disks)
 X119 Barcode
 X120 3D-Chess
 X121 Lotto Prophet
 X122 MYSTAT (2 disks)
 X123 Birthday- and XMas-Medleys
 X124 Nicht verfügbar
 X125 MUSIC
 X126 Spielhallen Hits
 X127 Basic Tutorial
 X128 Harddisk Tester
 X129 Diagnostic & Testing Utilities (2 Disketten)
 X130 Yacht Race Simulation
 X131 Palm Reading
 X133 WYSIWYG
 X134 Quick Basic Tools (2 Disketten)
 X135 Anti-Virus-Programme
 X136 PC-Prompt
 X137 Komprimier-Utilities (3 Disketten)
 X138 RAMTEST
 X139 Mindreader
 X140 Jargon zu dBASE + Clipper (2 Disketten)
 X141 Seekeasy
 X142 Simulationsspiele (2 Disketten)
 X143 Golf-Simulation
 X144 Publication Index (PC-LIT)
 X145 Flowdraw (2 Disketten)
 X146 Client Management (2 Disketten)
 X147 Forms Generators (2 Disketten)
 X148 Poker + Blackjack
 X149 Movie Database
 X150 World

X151 Mahjong
 X152 Health Risk
 X153 Portfolio Return on Investment

Ecosoft deutsch (E) (TGM-93)

PD in deutscher Sprache

E001 Astrologie
 E002 Spielbox
 E003 Verschiedene Programme
 E004 Hebase
 E005 Adressprofi
 E006 Progressor S Programmgenerator (2 Disketten)
 E008 Transpo Programme zur Lösung von Transportproblemen
 E009 PC-LOG Logbuchführung für Funkamateure
 E010 ARGUS Menueprogramm für PC
 E011 PCBuch Finanzbuchhaltung
 E015 Faktura
 E016 Stockmaster 3 (2 Disketten)
 E018 Vereinsverwaltung
 E019 THILF Turbo Pascal Helfer
 E024 Text + Bilder
 E025 Panorama
 E026 Kapital-Berechnungen
 E027 Etikett
 E028 Steuer
 E029 ASDKeys
 E030 PCWindow
 E031 Menu
 E032 Adressverwaltung
 E033 Marathon
 E034 Nuclear
 E035 Balicross
 E036 VSIN Vertriebs-Steuerung und Informations-Nutzen (2 Disketten)
 E038 Terminverwaltung
 E039 Redigt
 E040 Fileprofi
 E041 dBug
 E042 Disclear
 E043 HEADR
 E044 Easybuch
 E045 Easyedit
 E046 ELVIS
 E047 Krypto Datenverschlüsselung
 E048 VersAg Versicherungsagentur
 E050 Textmaster
 E051 Rechtschreibtrainer (20er Prüf-Version)
 E052 Faktura (2 Disketten)
 E053 RWFile
 E054 Adressen
 E055 Büro (2 Disketten)
 E056 Maschinenschreiben lernen (20er Prüf-Version)
 E057 Business-English Wörtertrainer (20er Prüf-Version)
 E058 Schnell-Lesen lernen (20er Prüf-Version)
 E059 Englisch-Deutsch Wörtertrainer (20er Prüf-Version)

E060 Basic Lernprogramm (3 Disketten) (20er Prüf-Version)
 E061 Fatima (Datalock)
 E062 English Grammar Master (2 Disketten) (20er Prüf-Version)
 E063 Speak You English? (2 Disketten) (20er Prüf-Version)
 E064 Better Times (20er Prüf-Version)
 E065 Computer Slang (20er Prüf-Version)
 E066 Maitre de Grammaire (2 Disketten) (20er Prüf-Version)
 E067 Maschinen-Schreib-Trainer (20er Prüf-Version)
 E068 Wissenstrainer (20er Prüf-Version)
 E069-E080 Deutsche Grammatik mit Spaß (20er Prüf-Version)
 E081 Spelling Trainer English (20er Prüf-Version)
 E082 MG-Rezept
 E083 ADVEKO (Adressenverwaltung/Korrespondenz)
 E084 CP/M-C128-MS-DOS Transfer
 E085 Lohn- + EK-Steuer 87 (nur BRD)
 E086 MS-DOS Lernprogramm (3 Disketten) 20er Prüfversion
 E087 dBASE III + Lernprogramm (4 Disketten) 20er Prüfversion
 E088 Japanisch für Geschäft und Reisen (deutsch)
 E089 UTIL
 E090 Lernspiel
 E091 Reisekostenabrechnung (nur BRD)
 E092 RW Buch
 E093 Superbio
 E094 "Das Königreich unter der Erde"
 E095 Pyramiden
 E096 Disk-Datei
 E097 Ferien
 E098 Konto
 E099 Happy
 E100 PC-Tutor (deutsch)
 E101 PC-Write (mit deutschem Menü)
 E102 Schachclub-Vereinsverwaltung
 E103 Video-Verwaltung
 E104 Plattendatei
 E106 Artikel-Verwaltung
 E107 Versicherungs-Verträge-Verwaltung
 E108 Buchdatei
 E109 Karma, Biorhythmus und Mondphase
 E110 Kaufmännisches Rechnen
 E111 Turbo-Basic-Tools
 E112 Fix-Faktura
 E113 Planeten
 E114 FNSK-Editor
 E115 Entscheidungshelfer
 E116 Witze
 E117 MGLITU-Literaturverwaltung
 E118 Stechuhr
 E119 Composer (deutsch)

C Users Group (C)

Wie wir von Herrn Medek, Video-AS erfahren haben, sind noch nicht alle Disketten der C-Users' Group eingelangt. Die hier abgedruckten Nummer sind in Wien bei Video-AS erhältlich.

C154 PC Tools
C157 QE for MSDOS
C159 Adventure, MSDOS
C164 Windows
C167 Windows, Unix-like Util
C172 LEX Part 1
C173 LEX Part 2
C174 YACC Part 1
C175 YACC Part 2
C177 Dr. Shaw's DOS Shell
C178 TVX Source
C179 TVX Doc & Exec
*C183 PC Tools II
C187 Functions IV
C188 Utilities VI
*C189 PC Tools III
*C191 Miscellany VII
*C192 Miscellany VIII
C193 Crypto Toolbox
C197 MicroEmacs v 3.61 Exec & Doc
C198 MicroEmacs v 3.61 Source
C199 GED
C200 Small C Interpreter
*C201 MSDOS System Support
C202 KAREL for MSDOS
*C203 YAM for MSDOS
C205 Utilities VII

BYTE (BYTE)

Zu jeder Ausgabe des BYTE-Magazins erscheint eine Diskette im IBM-360k-Format, die die Quelltexte und auch die lauffähigen Programme der verschiedenen Beiträge enthält. Für viele Programme ist die Beschreibung in dem betreffenden BYTE-Heft erforderlich. Jede Ausgabe der Zeitschrift BYTE hat ein Schwerpunktthema, das fast immer die Programme charakterisiert. Es kommen aber auch Programme zur Besprechung, die sich nicht mit dem Schwerpunktthema decken.

Auf jeder Diskette befindet sich der Vermerk, daß die Programme nicht zu gewerblichen Benutzung freigegeben sind.

BYTE 86/1
BYTE 86/2
BYTE 86/3
BYTE 86/4
*BYTE 86/5 Mass Storage
*BYTE 86/6 Computers and Music
*BYTE 86/7 Engineer's Toolbox
*BYTE 86/8 Object-oriented Languages
*BYTE 86/9 The 68000 Family

*BYTE 86/10 Power Domain Powerhouses (3 Disks)
BYTE 86/11
BYTE 86/12
*BYTE 86/13 IBM-Special Issue
*BYTE 87/1 Programmable Hardware
*BYTE 87/2 Educational Computing
*BYTE 87/3 Image Processing
*BYTE 87/4 Instruction Set Strategies
*BYTE 87/5 Desktop Publishing, Internal Modems
*BYTE 87/6 CAD, Mice, 12 MHz ATs, IBM PS/2
BYTE 86/7
BYTE 86/8
BYTE 86/9
BYTE 86/10
*BYTE 87/11 Accelerator Boards, Workstations
*BYTE 87/12 AT Memory Boards, Natural Language Processing
*BYTE 87/13 IBM-Special Issue

Lowerbucks User Group (LUG)

Die LUG-Diskettensammlung umfaßt bereits ca. 50 Disketten, von denen uns nur die ersten 6 bekannt sind.

*LUG 001 Utilities
*LUG 002 Utilities
*LUG 003 Utilities
*LUG 004 Utilities
LUG 005 Utilities
*LUG 006 Grafik

c't (CT)

Die Zeitschrift c't gibt in unregelmäßigen Abständen MSDOS-Sammeldisketten heraus, die das mühsame Abtippen der Programme erspart. Der Status der Programme ist vielleicht von Fall zu Fall verschieden, je nachdem, wie der Autor oder der Verlag die Programme freigibt. Da es sich aber in den meisten Fällen um abgedruckte Listings handelt, kann man wohl von freier Software sprechen. Die Disketten werden im c't als 'Sammeldisketten' bezeichnet. Hier wird die Bezeichnung 'CT' gebraucht.

CT 1 Assembler-Utilities, CP/M-Emulator, Speed, Druckertreiber, 1M-RAM-Floppy-Treiber, Uhrentreiber
CT 2 TURBO-Utilities, ASCII-Deutsch-Konverter, Disk-Utility, Logiksimulator, CP/M-DOS-Transfer
CT 3 Investor, Autopark, Datei-Kompression, WS-Druckertreiber, 80-Spur-Disketten-Treiber
CT 4 Benchmarks, Sysinfo, Window-Toolbox, Turbo-Tracer für PC,

Einkommensteuertabellen, Chemie digital

*CT 5 Druckersteuerung, Rechner für komplexe Zahlen, Bildschirm-schoner, Gedächtnissimulation, Sprachanalyse
CT 6 Hercules Grafik Toolbox, DOS-Analyse, Hardcopy für EGA-Karten
CT 7 Disk-Treiber, Hochsprachen-Benchmarks, Cross-Reference-Generator
CT 8 Hardcopy für diverse Bildschirm-Adapter, Systemanalyse, Benutzerführung
CT 9 Brother-Schreibmaschine am PC, Farbgrafik-Emulation auf Hercules

DOS-Databox (DOSD)

Sammeldisketten der Zeitschrift DOS-international.

DOSD X/1
DOSD X/2
DOSD X/3
DOSD 88/1
DOSD 88/2
DOSD 88/3
DOSD 88/4
DOSD 88/5
DOSD 88/6
DOSD 88/7

Pascal-Databox (PASD)

PASD 87/11
PASD 87/12
PASD 88/1
PASD 88/2
PASD 88/3
PASD 88/4
PASD 88/5
PASD 88/6
PASD 88/7

German PD (GER)

Wir haben zwei Disketten einer nicht näher bekannten 'German-PD' bekommen und geben diese PD-Sammlung hier an. Vielleicht kennt ein Leser diese Sammlung.

*GER001: Satellitenbahnberechnung
GER002
*GER003: Astrologie (BASIC)

TGM (TGM)

*TGM-001 PCNEWS-1
*TGM-002 Basic-Programme für Unterrichtszwecke
*TGM-003 Basic-Programme für Unterrichtszwecke

*TGM-004 Datenbanksystem (BASIC)
 *TGM-005 Datenübertragungssoftware (in C)
 *TGM-006 Kermit-1
 *TGM-007 Kermit_2
 *TGM-008 Anpassung an ASCII-Drucker
 *TGM-009 PC-SIG Nummer 1-200 Programmverzeichnis
 *TGM-010 PCNEWS-2
 *TGM-011 Basic-Programme: Eliza, Kurvendiskussion
 *TGM-012 PC-SIG Nummer 201-400 Programmverzeichnis
 *TGM-013 PC-SIG Nummer 393-514 Programmverzeichnis
 *TGM-014 PC-BLUE Nummer 1-200 Programmverzeichnis
 *TGM-015 Chi-Writer
 *TGM-016 Z80 und CP/M 2.2 Emulator unter PC-DOS mit Dokumentation
 *TGM-017 PC-Talk III + Dokumentation
 *TGM-018 FIDO Bulletin Board System v10.0 Nr.1(2)
 *TGM-019 FIDO Bulletin Board System v10.0 Nr.2(2)
 *TGM-020 Remote Bulletin Board System v12.5A Nr.1(2)
 *TGM-021 Remote Bulletin Board System v12.5A Nr.2(2)
 *TGM-022 RBBS-PC v12.5b Nr.1(2)
 *TGM-023 RBBS-PC v12.5b Nr.2(2) documentation/files/utilities
 *TGM-024 PC-NEWS-3 Texte
 *TGM-025 PC-NEWS-3 Programme-1
 *TGM-026 PC-NEWS-3 Programme-2PCC-TGM-Disketten
 *TGM-027 PC-NEWS-4 Texte
 *TGM-028 PC-NEWS-4 Texte,Programme
 *TGM-029 PC-NEWS-4 Programme
 *TGM-030 PC-NEWS-1/87 : TEXTE
 *TGM-031 PC-NEWS-1/87 : FAST-BOX
 *TGM-032 PC-NEWS-1/87 : PROGRAMME
 *TGM-033 PC-NEWS-1/87 : MANDELBRÖT
 *TGM-034 KERMIT - TURBO
 *TGM-035 KERMIT - C64 1(3)
 *TGM-036 KERMIT - C64 2(3)
 *TGM-037 KERMIT - C64 2(3)
 *TGM-038 DISKETTENVERZEICHNISSE
 *TGM-047 PC-NEWS-2/87 : TEXTE
 *TGM-048 PC-NEWS-2/87 : PROGRAMME
 *TGM-049 GENEALOGY
 *TGM-050 LOG-ON/OFF
 *TGM-051 ODMG/PLOT/GRAPHICS
 *TGM-52 PC-NEWS 87/3
 *TGM-53 Sprüche aus den PC-NEWS 2/86-3/87
 *TGM-54 TURBO-PASCAL-Utilities
 *TGM-55 Clubmappe

*TGM-56 Personal-Informationssystem
 *TGM-57 Utilities selbst gemacht, Krebs
 *TGM-58 PC-NEWS 4/87, Lfd.Nr.: 8 : Texte
 *TGM-59 PC-NEWS 4/87, Lfd.Nr.: 8 : Programme
 *TGM-60 PC-NEWS 4/87, Lfd.Nr.: 8 : Beitrag TEACH-ME
 *TGM-61 Druckertreiber NEC
 *TGM-62 Druckertreiber NEC
 *TGM-63 Druckertreiber NEC
 *TGM-64 Druckertreiber NEC, STAR, PANASONIC
 *TGM-65 PC-NEWS 1/88, Lfd.Nr.: 9 Texte
 *TGM-66 PC-NEWS 1/88, Lfd.Nr.: 9 Programme
 *TGM-67 Kommunikationsprogramm, Archivierungsprogramm
 *TGM-68 PROCOMM : Terminalprogramm
 *TGM-69 OPUS 1(4)
 *TGM-70 OPUS 2(4)
 *TGM-71 OPUS 3(4)
 *TGM-72 OPUS 4(4)
 *TGM-73 PROCOMM-PLUS
 *TGM-74 SEQUENTIAL-PASCAL-COMPILER (SOURCE-CODE) 1(2)
 *TGM-74 SEQUENTIAL-PASCAL-COMPILER 2(2), ASCAL-INTERPRETER (PLM), PASCAL-COMPILER IN BASIC
 *TGM-76 C-TREE, Datenbank in C (Source)
 *TGM-77 POWER-MOS (PHILIPS)
 *TGM-78 PC-NEWS 2/88, Lfd.Nr.10 : Texte
 *TGM-79 PC-NEWS 2/88, Lfd.Nr.10 Programme
 *TGM-80 Binkley 1(4)
 *TGM-81 Binkley 2(4)
 *TGM-82 Binkley 3(4)
 *TGM-83 Binkley 4(4)
 *TGM-84 Literatursuchdienst-Übungsdiskette
 *TGM-85 Dokumentation des FIDO-Mailboxsystems
 *TGM-86 Demo- und Lernprogramme Elektronik 1-4
 *TGM-87 RW-File, Dateiprogramm
 *TGM-88 STN-Overview
 *TGM-89 Calendar Maker
 *TGM-90 PD 1: S1-500
 *TGM-91 PD 2: S501-700, B1-400
 *TGM-92 PD 3: S701-1000, B400-440
 *TGM-93 PD 4: E1-119, X1-153
 *TGM-94 PD 5: TURBOSIX, TURBO-UG, CAPITAL
 *TGM-95 PC-NEWS 3/88, Lfd.Nr.11 : Texte

PD und ro-ro-ro

Wer bei vielen Programmen der Public-Domain eine handliche deutsche

Beschreibung vermißt, dem wird durch dieses Taschenbuch geholfen: HILFSPROGRAMME, UTILITIES, TOOLS, Public Domain Software MSDOS, Ralph Möllers, rororo 1680. Es enthält 'Bedienungsanweisung und Tips für die beliebtesten Public-Domain-Programme'. Der günstige Taschenbuchpreis gemeinsam mit der großen Anzahl beschriebener Programme macht PD-Buch und PD-Disketten zu einem wirklich preiswerten Paket. Die folgende kurze Inhaltsangabe zeigt, was man um insgesamt ca. S 1000,- (Buch und alle hier angeführten Disketten, die auch noch viele andere Programme enthalten).

1. Der alltägliche Ärger
 - 1.1 Die DOS-Kommandozeile CED (S413, S535)
 - 1.2 Dateien suchen und wiederherstellen
 - 1.2.1 WHEREIS (S478)
 - 1.2.2 SEARCH (S478)
 - 1.2.3 UNDEL (S585)
 - 1.3 Ein universelles Werkzeug PC-SWEEP
 - 1.4 Superdirectories mit SDIR (S534)
 - 1.5 Fensterln mit Partner (S413)
 - 1.6 Automenu - MSDOS à la carte (S608)
 - 1.7 Listige Utility LIST (S319)
2. DISKETTEN, FESTPLATTEN und CO.
 - 2.1 ARC-Dateien archivieren (S420)
 - 2.2 KopyNew-effektives Kopieren (S319)
 - 2.3 Directories
 - 2.3.1 RENDIR, NAMEDIR-Directories umbenennen (S319,S610)
 - 2.3.2 TRANSDIR-Directories verschieben (S610)
 - 2.3.3 DELDIR-Directories löschen (S610)
 - 2.3.4 Geheime Directories (S478)
 - 2.3.5 Verzeichnisbäume mit TREED (S478)
 - 2.4 Disketten katalogisieren mit PC-DISK (S535)
 - 2.5 Festplatte aufräumen mit PACK-DISK (S535)
 - 2.6 Ein Kopfschutz für Ihre Festplatte-DISK PARK (S478) und PARK (S610)
 - 2.7 Der Disk-Editor Master-Key (S598)
3. Das Drum und Dran: Tastatur, Bildschirm, Drucker etc.
 - 3.1 Tastaturbelegung-Soft-Touch (S500)
 - 3.2 Ein unbegrenzter Druckerpuffer-DISKPOOL (S609)
 - 3.3 CGA-Grafik mit der Hercules-Karte (S870)
 - 3.4 Computer verbinden mit WEAK Link (S893)

3.5 LQ-Zeichensätze nicht nur für EP-SON-Matrixdrucker und WordStar (S718)

PD geordnet

Diese thematische Übersicht ist das Ergebnis einer sorgfältigen Durchsicht der IBM-SIG und PC-BLUE Programmierskripten, sie soll Ihnen helfen aus der großen Anzahl von Disketten schnell und bequem das Programm Ihrer Wahl zu finden. Bitte beachten Sie hierzu auch den speziellen Turbo Pascal Katalog, sowie den Capital PC User Group Katalog.

Allgemeine Geschäftsprogramme S75
S155 S171 S179 S235 S261 S282
S313 S330 S488 S501 S502 S575
S660 S576 S613 S618 S620 S634
S635 S636 S637 S644 S656 S687
S688 S689 S697 S698 S699 S533
S552 S559 S556 S560 S825 S845
S877 S888 S932 S982 S963 S964
S976 S972 S973 S983 S994 S961
S909 S910 B65 B87 B95 B115
B120 B195 B404 B415 B426
B427 B354 B374 B322 B289
B238 E8 E15 E52 E55 E36 E38
E42 E85 E91 E97 E106 E107
E110 E112 E118 E106 E107
E110 X102 X69 X70 X32 X38
X60 X64 X83 X85 X12 X146
X150 X147

Finanzen, Vermögensverwaltung S14
S25 S29 S47 S151 S155 S171
S227 S251 S275 S462 S463 S466
S467 S468 S469 S470 S472 S671
S672 S673 S519 S520 S532 S565
S923 S860 S957 S958 S960 S889
S855 B67 B83 B11 B120 B113
E26 X51

Börse, Aktien, Handel S40 S101 S242
S246 S282 S323 S331 S575 B48
B284 E16 X14 X107 X153

Buchhaltung S237 S331 S860 S887 S888
S889 S901 S941 S968 S969 S806
S807 S808 S809 S62 S812 S813
S821 S179 S462 S463 S466 S467
S468 S472 B6 B65 B67 B121
B418 B329 B165 B378 B371
B380 B231 B333 B359 B228
B398 B370 E11 E44 E92 E98

Textverarbeitung S68 S78 S83 S86 S146
S190 S201 S294 S343 S347 S379
S415 S455 S681 S682 S528 S529
S530 S531 S563 S611 S645 S657
S684 S685 S900 B30 B37 B39
B42 B53 B95 B130 B173 B182
B186 B188 B86 B395 E50 E24
E101 X4 X5 X133 X82

Texteditoren, Textfile-Utilities S880
S935 S899 S935 S950 S829 S935
S977 S667 S190 S294 S86 S347
S378 S58 S89 S60 S670 S657
S563 S534 S898 S83 S137 S190
S191 S384 S883 S386 S194 S378

B175 B286 B392 B379 B360 E39
E45 X139 X141 X147

Desk Top Publishing + Utilities B375
B396 X107 X112

Wordstar Hilfsprogramme S201 S379
S526 S189 B186 B145

Formbriefe und Formulare S388 S190
S388 S404

Tabellenkalkulationsprogramme,
Spreadsheets S170 S199 S224
S574 S651 S695 S696 S525 S524
S531 B34 B50 B89 B141 B148
B149 B158 B159 B361 X49 X7
X30 X74 X80

Schreibtschulpen, Kalender, Notizen,
Menue S118 S278 S243 S261
S405 S412 S444 S481 S498 S500
S608 S618 S631 S642 S661 S822
S840 S872 S917 S919 S931 S995
S934 S954 S962 S988 S824 S848
S798 S727 S738 S739 S740 S764
B68 B133 B151 B162 B177 B140
B13 B400 B396 B326 B291 B368
B393 B392 B378 E10 E31 E29
E30 E40 X17 X64 X71 X80 X38
X60 X139 X141 X21

Netzplantechnik, Projekt Management
(PERT) S206 S313 S423 S593
S299 S593 S953 S955 S976 B65
E115 X86 X87 X32 X13 X40
X84 X145 X146

Lineare Programmierung (Optimie-
rung) S332 S691

Integrierte Programme S430 S431 S432
S764 B148 B149

Visicalc - Arbeitsblätter und Utilities
S14 S23 S85

Multiplan - Arbeitsblätter und Utilities
S282 S291 B121

Supercalc - Arbeitsblätter und Utilities
B34

Lotus 1-2-3 - Arbeitsblätter und Utili-
ties S64 S65 S109 S135 S140
S160 S165 S207 S257 S281 S289
S290 S301 S302 S303 S304 S305
S306 S387 S389 S406 S427 S583
S584 S568 S571 S584 S846 S847
S726 B38 B51 B56 B63 B84
B123 B124 B135 B179 X59 C34
C2

Symphony - Arbeitsblätter und Utili-
ties S305 S306 S587 S588 S596
S597 B122 B123 B152

Datenbanken, Adressenbanken, Ver-
sandhilfen S854 S998 S864 S865
S868 S869 S871 S896 S927 S943
S961 S988 S22 S687 S688 S689
S706 S748 S799 S599 S600 S601
S602 S603 S4 S662 S663 S522
S521 S503 S119 S253 S430 S431
S432 S146 S340 S383 S396 S119
S147 S169 S182 S218 S214 S215
S267 S268 S518 S231 S233 S247
S252 S261 S287 S288 S339 S401
S464 S483 S235 S317 S62 S73
B30 B35 B134 B65 B148 B149
B154 B364 B365 B67 B19 B125
B177 B169 B339 B396 B389
B379 B371 B368 B415 E4 E83

E5 E43 E32 E18 E54 E53 E96
X91 X2 X48 X105 X72 X144

dBase II - Programme und Utilities
S102 S109 S116 S117 S126 S128
S139 S143 S295 S318 S412 S680
S562 S587 S588 B34 B43 B75
B94 B108 B112 B116 B175

dBase III - Programme und Utilities
S680 S811 S300 B163 B362 B168
B105 B145 E41 E87 X140

Künstliche Intelligenz S398 S518 S883
S518 B128 B174 B176 B366
B380 X11

Informatik S3 S10 S19 S20 S30 S31 S32
S36 S87 S105 S114 S124 S162
S166 S213 S269 S297 S325 S358
S363 S371 S381 S922 S925 S928
S648 S649 S606 S403 S442
S842B23 B64 B69 B366 B360
B386 B367 B192 B399 B401
B402 E65 E60 E6 E100 E86
X111 X114 X116 X76

Kopier- oder Listschutz aufheben S2
S28 S184 S376 S414 B105

Utilities, Programmierhilfen etc. S2 S3
S6 S7 S8 S9 S10 S11 S14 S19 S20
S22 S27 S28 S30 S33 S38 S46
S48 S49 S50 S51 S52 S53 S56
S59 S60 S66 S70 S73 S79 S80
S82 S83 S84 S87 S89 S106 S109
S110 S111 S113 S114 S115 S124
S133 S135 S138 S139 S140 S141
S142 S143 S144 S145 S162 S163
S167 S172 S181 S183 S184 S185
S194 S195 S196 S197 S198 S202
S204 S205 S206 S211 S212 S213
S217 S223 S226 S238 S245 S250
S254 S255 S256 S269 S273 S283
S284 S285 S286 S297 S299 S307
S308 S309 S312 S319 S355 S356
S358 S371 S372 S373 S374 S376
S381 S382 S413 S420 S421 S478
S504 S507 S172 S609 S610 S619
S634 S642 S653 S658 S665 S686
S513 S534 S535 S536 S537 S543
S558 S537 S543 S558 S585 S586
S592 S598 S606 S607 S650 S661
S564 S836 S885 S842 S856 S810
S818 S895 S906 S897 S898 S887
S734 S736 S744 S737 S820 S824
S930 S907 S908 S915 S919 S928
S933 S936 S944 S959 S962 S978
S981 B1 B3 B4 B9 B15 B16 B17
B20 B21 B22 B23 B26 B29 B30
B33 B35 B37 B38 B39 B42 B47
B48 B52 B57 B62 B63 B64 B66
B68 B70 B71 B72 B73 B81 B89
B104 B105 B108 B111 B112
B115 B119 B120 B121 B177
B197 B410 B434 B419 B400
B360 B362 B363 B361 B378
B388 B389 B392 B287 E29 E30
E3 E89 E114 X129 X135 X136
X137 X141 X138 X31 X1 X93
X97 X98 X117 X115 X110 X45
X75 X80 X43 X21 X37

Drucker-Utilities S36 S46 S49 S59 S186
S189 S204 S220 S221 S222 S236
S265 S275 S276 S326 S336 S337

S386 S411 S517 S523 S526 S640
S887 B33 B35 B48 B52 B62 B89
B195 E25 E27 E3 X119 X61
X37 X66 X68 X80 X8
Textfile-Utilities S57 S58 S60 S89 S294
S378 S384 S388 S416 S505 S607
S640 S667 B86 B88
Hard-Disk-Utilities S786 S930 S908
S897 B416 B419 X65 X39 X22
X36 X128

PROGRAMMIERSPRACHEN

ADA S159

APL S108 S109 S110 S134

Assembler S10 S15 S27 S30 S33 S34
S36 S41 S42 S50 S51 S52 S53
S54 S56 S61 S62 S70 S79 S80
S81 S82 S83 S93 S108 S110 S111
S114 S132 S134 S135 S138 S139
S140 S142 S145 S159 S166 S172
S183 S184 S186 S196 S202 S204
S211 S216 S218 S222 S223 S226
S255 S256 S257 S285 S299 S307
S308 S309 S312 S313 S314 S316
S342 S352 S362 S371 S373 S375
S379 S381 S413 S427 S433 S482
S504 S512 S573 S607 S643 S534
S563 S564 S859 S928 S775 S776
S777 S778 B1 B55 B23 B27 B28
B34 B37 B42 B47 B48 B52 B54
B55 B67 B68 B73 B89 B91 B93
B357 B369 B236

Pascal S30 S36 S74 S223 S570 S392
S965 S424 S425 S579 S580 B411
X41

Pascal, Turbo Pascal S26 S51 S130
S131 S132 S135 S140 S142 S159
S172 S176 S194 S202 S204 S217
S248 S257 S265 S279 S292 S298
S324 S351 S353 S362 S364 S365
S366 S375 S419 S422 S426 S427
S428 S435 S440 S442 S445 S447
S482 S484 S510 S511 S512 S580
S589 S680 S535 S538 S540 S570
S680 S827 B14 B17 B111 B103
B145 B150 E19 X67

Forth S31 S32 S48 S160 S161 S263
S264 S352 S454 S685 B54 B55
B82

Lisp S134 S142 S148 S159 S160 B80
B129 B188

Prolog S134 S148 S417 S573 B183
B157 B350

C S50 S79 S84 S111 S134 S137 S138
S139 S142 S147 S148 S149 S159
S160 S161 S163 S186 S194 S202
S216 S259 S284 S311 S314 S315
S328 S341 S356 S362 S416 S420
S429 S433 S494 S577 S578 S527
S536 S873 S962 B192 B154 B408
B409 B414 B381 X18

C-Turbo B430 X95

Fortran S142 S161 S248 S386 S430
S439 S442 S508 S509 S553 S554
S555 S556 B7 B8

LOGO S94 X62

PILOT X63

BASIC S2 S7 S8 S9 S20 S60 S162 S986
S989 S269 S358 S363 S167 S371
S381 S372 S409 S410 S438 B35

B64 B367 B325 E35 E111 X101
X42 X127 X134

Modula X118 X96

Kommunikation, Modemprogramme

S16 S41 S42 S54 S67 S77 S81
S96 S97 S98 S99 S103 S104 S114
S125 S129 S144 S150 S187 S188
S212 S258 S286 S310 S316 S335
S387 S433 S434 S439 S441 S499
S626 S356 S650 S679 S534 S535
S543 S717 S782 S783 S752 S843
S393 S948 S956 S893 B1 B18
B27 B28 B31 B32 B37 B40 B45
B46 B53 B76 B106 B107 B114
B118 B175 B187 B191 B193
B194 B198 B199 B200 B375
B363 B360 B345 B346 B347
B433 B376 B377 B310 B311
B383 B384 B395 B140 E84 X20
X44

RBBS Remote Bulletin Board System
(Mailbox - Programme) S125

S150 S152 S334 S387 S621 S622
S745 S746 B20 B45 B49 B74
B77 B78 B79 B96 B97 B98 B99
B109 B110 B193 B393 B406
B407

Emulationsprogramme S441 S402 S362
S561 S286 S679 S870 B66 B327
B352 B427 B185 X1

Datensicherheit, Datenschutz S112

S118 S163 S230 S482 S490 S569
S893 B152 B165 E47 E61

PC-Newsletters, Texte, Artikel S156
S157 S158 S159 S160 S161 S200
S180 B73 B93 B135

Computer Magazine Inhaltsverzeich-
nisse S121 S122 S123 S348 S349
S350 S544 S545 S546 S547 S548
S550 S551

Mathematik-Hilfsprogramme, Statistik

S67 S88 S180 S232 S239 S248
S435 S508 S509 S620 S623 S638
S639 S654 S655 S661 S861 S862
S863 S922 S949 S985 S990 S991
S992 S823 S858 B30 B40 B59
B295 B351 B370 E110 X15 X90
X121 X122

Lernen und Schule S18 S27 S76 S95

S135 S168 S175 S241 S249 S320
S367 S368 S369 S370 S443 S577
S578 S579 S580 S595 S612 S646
S647 S648 S649 S664 S542 S577
S578 S866 S867 S878 S902 S903
S922 S939 S951 S954 S755 S757
S758 S793 B36 B39 B63 B166
B169 B358 B153 B244 C46 E56
E57 E58 E59 E60 E62 E63 E64
E65 E66 E67 E68 E69 E70 E71
E72 E73 E74 E75 E76 E77 E78
E79 E80 E81 E51 E86 E87 E3
E90 E100 E88 X73 X77 X79

Personal Computer Tutorials S403

Bibliotheksverwaltung S26 E117 E108

Heim-Programme, Heim-Finanzen

S107 S164 S165 S282 S321 S389
S487 S576 S613 S618 S497 S630
S532 S541 S735 S784 S785 S792
S876 S879 S894 S942 S996 S886

S837 S838 S849 S850 S853 S855
B17 B64 B136 B137 B352 B400
B335 B341 B344 B168 E28 E99
E97 E38 E107 E34 E116 E82
E93 X78 X27 X123 X100 X131
X144

Familien-, Ahnenforschung S90 S240

S361 S465 S504 S632 B58 B88
B116 B117 X99 X108

Gesundheit, Fitness, Essen S192 S281 S700 B196

Musik S24 S50 S92 S127 S168 S203

S208 S279 S292 S322 S700 S179
S879 S234 S894 S924 S932 S947
B33 B60 B128 B196 E33 E93
X152

Geographie S219 S494 S495 S496 S566
S926 S920 B358 B304 B424
X109 X150

Astronomie S447 S692 S693 S538 S543
S921 S866 S867 S850 S851 B298
B360 B358 E113 X57

Bilder, Video und Film-Datenbank

S311 S937 S493 B340 E103
X149

Computergrafik S11 S12 S13 S14 S15

S38 S47 S61 S69 S73 S91 S136
S154 S176 S191 S208 S225 S239
S244 S265 S344 S345 S346 S380
S386 S418 S471 S484 S485 S620
S629 S633 S652 S669 S670 S701
S702 S704 S513 S515 S516 S833
S834 S835 S841 S975 S914 S995
S828 B23 B44 B47 B48 B85
B132 B173 B388 B379 B369
B358 B242 B243 B417 X28 X6
X105 X60 X88 X9 X53 X54 X55
X56 X34 X89 X119 X133 X106
X113 X145 X48

Spiele S1 S4 S11 S13 S14 S16 S17 S18

S20 S21 S23 S24 S27 S35 S37
S44 S45 S47 S51 S55 S71 S72
S91 S93 S100 S173 S174 S175
S177 S178 S203 S208 S209 S210
S229 S241 S259 S260 S274 S292
S293 S296 S297 S298 S327 S328
S329 S354 S385 S390 S445 S446
S448 S449 S450 S451 S452 S453
S456 S457 S474 S475 S476 S487
S628 S633 S694 S641 S678 S705
S513 S514 S539 S557 S591 S595
S604 S614 S615 S660 S683 S890
S891 S911 S916 S929 S945 S952
S967 S987 S993 S997 S1000 S882
S826 S832 S844 B2 B3 B4 B5 B6
B9 B10 B10 B12 B13 B18 B24
B25 B41 B47 B52 B61 B90 B91
B92 B102 B103 B128 B178 B189
B190 B388 B358 B351 B379
B366 B348 E116 E105 E95 E94
E2 E34 X92 X151 X148 X142
X126 X121 X104 X50 X81 X26
X29

NMR-Spektroskopie S391 S590

CP/M 2.2 mit Z-80 Emulator unter PC-DOS B185

IBM System 370 Mainframe CROSS-Assembler S402

Amateurfunk S280 S436 S437 S562 E9

Umweltschutz S506
 Solartechnik, Energieeinsparung S486
 Landwirtschaft S459 S460 S461
 Religion S489 S581 S582 S583 S628
 S659 S881 S902 S954 S974 S716
 S742 S790 S781 S766 S767 S768
 S769 S770 S771 S772 B176 B374
 B435 B436 B437 B438 B439
 B440
 Schach S120 S178 B25 B61 E102 X24
 X120
 Golf S261 S342 B4 X143
 Bowling-Management S23 S884
 Flug-Simulator S39 S945 S939 S447
 X25
 Tips und Tricks auf dem PC B145
 ESOTERIK S615
 SPRACHAUSGABE S674 S675 S676
 S677
 DEMOGRAPHIE S668
 Sport S884 S892 S884 S803 S918 S984
 S946 S262 S342 S747 S23 B420
 E33 X130 X143

PD Top 100

Die Beliebtheit von Disketten ist auch ein Hinweis dafür, wie brauchbar das Programm auf der Diskette ist. In der folgenden Aufstellung finden Sie die 100 beliebtesten Disketten, geordnet nach Sachgebieten. Die Aufstellung ist dem PC-SIG-Magazin entnommen.

AI A148 S398 S417
 Bulletin Board S212 S334 S621
 Business S404 S501 S502 S593 S687
 S688 S689
 Communications S41 S42 S230 S310
 S499 S562
 Computer Education S254 S403 S558
 S686
 Databases S5 S730 S253 S503 S521
 S635 S636 S706
 Desktop S356 S650 S405 S576 S608
 S618 S631 S661 S728 S729
 Educational S95 S153 S229 S241 S249
 S279 S320 S343 S408 S612 S646
 S705 S712
 Financial S151 S164 S773 S251 S275
 S393 S462 S519 S520 S575
 Special Applications S674 S675 S676
 S677
 Games S120 S203 S210 S259 S274 S292
 S293 S327 S328 S329 S385 S390
 S445 S451 S452 S456 S457 S475
 S476 S477 S567 S619 S641 S660
 S678 S711 S713 S714 S723
 Graphics S344 S345 S471 S511 S515
 S629 S633 S652 S665 S669 S670
 S701 S702 S703 S704
 Home and Hobby S361 S632
 Math Science S88 S590 S654 S655 S692
 S693
 Languages S10 S263 S264 S402 S426
 S454 S510 S513 S527 S556 S589
 S606 S611 S666 S680

Spreadsheets S199 S257 S524 S525
 S574 S696 S710
 Utilities general S80 S284 S319 S374
 S413 S420 S444 S478 S481 S609
 S610 S658 S725
 Utilities printer S225 S326 S517 S523
 S526
 Utilities protect/unprotect S184 S414
 S490
 Word processing S78 S627 S415 S455
 S681 S682 S287 S288 S480 S505
 S765

PC-Software für Chemiker

U. Jordis¹⁾ und K. Varmuza²⁾

Im Jahr 1987 sind weltweit mehr als 1.5 Millionen Personal Computer (PC) verkauft worden und dieser Markt expandiert weiterhin stark. Es handelt sich dabei vorwiegend um eine Gerätetype, die sich an dem von der Firma IBM auf den Markt gebrachten "Industriestandard" orientierend, nun von vielen anderen Firmen nachgebaut wird. Infolge des günstigen Preis/Leistungs-Verhältnisses haben auch bei weniger finanzstarken Käufern Nachbauten (sog. "Klone") der IBM-PCs weite Verbreitung befunden. Einfach ausgestattete PCs sind inklusive Drucker ab etwa S 15.000 erhältlich; leistungsfähigere Systeme (schneller, mehr Speicher, Harddisk) haben Preise ab etwa S 30.000. Die Kompatibilität der PCs induzierte eine enorme Entwicklung an nützlicher und guter Software und führte zu einer weiteren Beschleunigung der Verbreitung dieser Rechnerart. Die erstaunliche Leistungsfähigkeit (etwa im Vergleich zu früheren Großrechenanlagen) und der Preisverfall haben zu gravierenden Änderungen in der Datenverarbeitung geführt. Auch der kleinen Firma, dem Forscher in schlecht dotierten Instituten, ja sogar dem Privatmann ist es jetzt möglich, Rechnerleistungen am Arbeitsplatz einzusetzen, die früher nur über Rechenzentren verfügbar waren. Der PC ist zu einem überaus leistungsfähigen Werkzeug geworden und kann aus dem Alltagsbetrieb in vielen Fällen

kaum mehr weggedacht werden. Die damit verbundene Entmystifizierung des Computers ist sehr zu begrüßen. Die Chemie ist in dieser Entwicklung der Informationsverarbeitung keine Ausnahme, wenngleich zumindest in Österreich ein deutlicher Nachholbedarf besteht. Die breite Verfügbarkeit kompatibler Rechner hat international zu einem großen Markt an Softwareprodukten auch für Chemiker geführt.

Diese Übersicht versucht auf der Basis eigener Erfahrungen³⁾ und gesammelter Daten aus Prospekten und Publikationen einen Überblick über für Chemiker relevante Software zu geben. Das Angebot an Chemie Software für PCs ist sehr unübersichtlich und umfangreich, bestehende Software-Kataloge oft unbefriedigend. Daher muß auch diese Zusammenstellung unvollständig sein und die Auswahl ist sicherlich subjektiv. Die technischen Daten der Programme und die Preise unterliegen bei der Rasanz der Entwicklung raschen Änderungen; die Angaben sind daher nur als Richtwerte aufzufassen.

1. GRAPHIK (Formel-zeichnen)

ChemText*2 (MDL)

Der Molecule-Editor des ChemText Paketes erlaubt das Zeichnen chemischer Strukturen und Reaktionsschemata. Hierbei werden mit der Maus eingegebene Strukturen automatisch geglättet. Die Bindigkeit wird überprüft und die Summenformel bzw. das Molgewicht ermittelt. Volle Integration von Strukturen in Text. Unterstützung von Matrix- und Laserdrucker (aber keine Plotter). Teil der Chemist Personal Software Serie. Dieses Programm kann als Stand der Technik für den PC bezeichnet werden. Version 1.1 US\$ 1800.- (Demo US\$ 50.-), Ermäßigungen für Hochschulen.

Liniengraphik (VCH)

Erzeugung publikationsreifer Vorlagen von chemischen Strukturen, Diagrammen und technischen Zeichnungen;

- 1) Dipl.-Ing. Dr.techn. Ulrich Jordis, Institut für Organische Chemie der TU Wien, A 1060 Wien, Getreidemarkt 9, Korrespondenzautor
- 2) Univ.DoZ. Dipl.-Ing. Dr.techn. Kurt Varmuza, Institut für Allgemeine Chemie der TU Wien, A 1060 Wien, Getreidemarkt 9

- 3) Produkte, mit denen eigene Erfahrungen gewonnen werden konnten, sind mit * markiert. Nach den Produktnamen ist die Bezugsquelle bzw. der Hersteller angegeben (die vollen Adressen sind am Ende des Beitrags angeführt).

integriertes Bausteinsystem auf Basis des Softwarepaketes VISPER-32, somit weitgehend Hardware-unabhängig installierbar. Vorzugspreise für Hochschulen: Gesamtpaket DM 4000.-

Molecular Presentation Graphics* (MPG)

Formelzeichenprogramm, ähnlich WIMP, doch diesem unterlegen. Erlaubt das Einfügen von Formeln in WordStar-Texte. US\$ 225.- (30 Tage "money-back" Garantie)

GIOS (GTV)

Software zum Eingeben, Verarbeiten und Zeichnen chem. Strukturformeln. ca. DM 3200.- (Demo: DM 90.-)

WIMP* (ALDRICH)

Formelzeichenprogramm zur publikationsreifen Ausgabe am HP-Plotter oder Laserdrucker. Kann in ca. 1 Stunde erlernt werden und hat sich bereits zur Erstellung zahlreicher Publikationen und Dissertationen besten bewährt. Maus empfehlenswert. Version 6.0 unterstützt Pagemaker und erlaubt somit Integration von Strukturen aber auch z.B. Apparateskizzen in Texte. DM 612.-

ZEICHENPROGRAMM FÜR STRUKTURFORMELN (MÜNSTER)

Einfaches Programm zum Zeichnen, Speichern und Plotten (HP 7475A, DIN A4) von Strukturformeln. Ab DOS 3.0 DM 60.-

ARGOS (SPRING)

Erzeugt Strukturformel aus Connection Table; für PC's oder VAX Preis nicht bekannt

2. 3D-GRAPHIK / MOLECULAR MODELLING:

MOLECULAR GRAPHICS* (ACS)

Strukturingabe auf Basis kristallographischer Daten. Rotation, Verschiebung, Übereinanderlegen von 3D-Strukturen US\$ 500.-, (15 Tage "money back" Garantie)

MOLGRAPH (ELS)

Laut Beschreibung ähnlich zu MOLECULAR GRAPHICS (s.o.) US\$ 140.-

ALCHEMY (TRIPOS)

Konstruktion drei-dimensionaler Molekülstrukturen, Energieminimierungen, Vergleich von Strukturen sowie weitere molecular modelling Funktionen. EGA-Karte. ca. S 5000.-

3. CHEMIKALIENVERWALTUNG

ChemStore* (IOC)

Umfassendes Chemikalienverwaltungsprogramm in dBASE III plus von Dr. M. Rudolf. Es erlaubt die Suche nach Chemikalien auf Grund von Summenformel, (Teil)-Namen, Namensverknüpfung und (ca. 80) chemischen Klassen. Mindestlagermengen, Preise, Lieferanten etc. können gespeichert werden. Die Abrechnung umfaßt bis zu 10 Arbeitsgruppen. Sortierte Chemikalienlisten, Monats- und Jahresbilanzen können ausgedruckt werden. Preis auf Anfrage.

4. DATENBANKEN MIT UNTERSTÜTZUNG CHEMISCHER STRUKTUREN

ChemBase (MDL)

Mächtigstes Struktur- und Reaktionsmanagement Programm auf PC-Basis als Teil der "Chemist's Personal Software Serie", kompatibel zu ChemText und ChemTalk. Erlaubt up- und downloading zu MACCS bzw. REACCS - den Mainframe Programmen von MDL. Benötigt Maus, Harddisk und min. 640 K RAM. Komfortable Erzeugung maßgeschneiderter Formulare. US\$ 3500.- ChemFile* (COM) Strukturorientiertes Datenbanksystem. Erlaubt Teilstrukturabfrage. Rasche Strukturingabe mit Maus. Bis zu 20 frei definierbare Datenfelder (Text oder numerisch). Sehr gute Erfahrungen mit Datensätzen, die 100-1000 Strukturen enthalten. Strukturen werden auch am Matrixdrucker mit relativ guter Auflösung gedruckt, mit Plotter praktisch Publikationsqualität. Auch für PC mit 2 Laufwerken geeignet. ChemLit ist sehr ähnlich aufgebaut - Strukturen sind für beide Programme kompatibel. US\$ 150.- (siehe auch

ChemLit) ChemFile II (COM) Update zu ChemFile (Dez. 1987): Bis zu 56 Datenfelder, welche zu jeder Zeit verändert werden können. Weiters können zu jeder Struktur bis zu 22 Zeilen freier, suchbarer Text gespeichert werden, was auf eine Kombination der Möglichkeiten von ChemFile mit ChemLit hinausläuft. US\$ 75.- (als Update zu ChemFile)

Datendokumentation I (VCH)

Datenbanksystem für Substanzen - Strukturen - Daten als Konkurrenzprodukt zu ChemBase von Molecular Design. Abfrage von Teilstrukturen. Gleiche Grundsoftware wie Liniengraphik. DM 2280.-

Datendokumentation II (VCH)

enthält Datendokumentation I, erlaubt darüberhinaus den Aufbau eigener Spektrendateien sowie die Abfrage fertiger Datensätze. Speicherung der Spektren in reduzierter Form, Rekonstruktion kondensiert gespeicherter C-NMR, H-NMR, IR und MS-Spektren. Such- und Interpretationsverfahren. DM 4000.- [Hinweis für den Satz: bitte statt [Engl. Pfund] jeweils setzen!]

PSIDOM (HDS)

Strukturorientiertes Programm mit diversen Modulen: Psi Gen ([Engl. Pfund] 695.-): Strukturzeichenprogramm; PsiBase ([Engl. Pfund] 795.-) erlaubt Struktursuche; PsiCard ([Engl. Pfund] 195.-) erzeugt Karteikarten mit Strukturen; PsiText ([Engl. Pfund] 195.-) zum Einfügen von Strukturen in Word Star Texte; PsiView ([Engl. Pfund] 195.-) erlaubt Struktursuche aus dBase III.

ChemSmart (AP)

Speicherung, Abfrage, Display chem. Strukturen und alphanumerischer Datenfelder. Download von Daten des Institute of Scientific Information (Index Chemicus) möglich. Nachteile: Graphik entspricht nicht dem Stand der Technik. US\$ 335.-

DATALYST (AUTOS)

Chemikalien-Datenbank: Strukturformeln, Schlüsselworte, Lieferfirmen [Engl. Pfund] 295.-

5. LEHR- und LERN-PROGRAMME

Chemical Stoichiometry (COM)

Farbiges Lehrprogramm zur Stöchiometrie. US\$ 50.-

CLEOPATRA (ELS)

siehe unten (Meßdatenerfassung)

Introduction to Organic Chemistry* (COM)

Serie von 8 Disketten als Unterrichtshilfsmittel in der Organischen Chemie. Nomenklatur und Reaktionen von Alkanen, Alkenen, Arenen. IR- und ¹H-NMR-Spektren werden an Hand von Problemen eingeführt. Spektroskopie begleitet die Behandlung funktioneller Gruppen. Starke Graphikunterstützung, z.B. SN2-Mechanismus. US\$ 70.-/Diskette, alle 8 Programme US\$ 455.-

NMR Spectroscopy* (FREE)

Sammlung diverser Module in BASIC zum besseren Verständnis der physikalischen Grundlagen der NMR-Spektroskopie. Larmor-Präzession, ABC Spektrum, ABCD Spektrum, Entkopplungsexperimente, Harmonischer Oszillator etc. Freeware

Protein Structure and Enzyme Activity (IRL)

Lehrprogramm mit bewegter Graphik zur Biochemie: Aminosäuren- und Proteinstruktur, Enzymaktivität, Optimierung von enzymatischen Reaktionen etc. US\$ 90.- (Demo-Version erhältlich) Protein Purification (IRL) Lehrprogramm zu Laborvorschriften und Strategien der Enzymreinigung. Simulation von Experimenten, Erarbeitung von Reinigungsschemata. US\$ 125.-

STN-MENTOR-Serie: siehe unter Literaturerschließung

The Protein Sequencing Apprentice (IRL)

Software zur Simulation von Laborexperimenten zur Aufklärung der Aminosäuresequenz von Proteinen. US\$ 125.-

6. LITERATURER-SCHLIESSUNG

SANDRA* (SPRING)

Programm zur Korrelation organischer Strukturen mit der entsprechenden Referenzposition im "Beilstein". Unabhängig der Tatsache, ob die gefragte Struktur tatsächlich bereits bekannt ist, wird auf den entsprechenden Seitenbereich bzw. die Systemnummer verwiesen. Mit diesem Programm ist das undurchsichtige Beilsteinsystem transparent gemacht und es gibt keine Ausreden mehr, eine Information im "Beilstein" nicht gefunden zu haben. Ein "muß" für jeden Organiker. Das Programm benötigt eine Maus. Version 2.0 DM 980.-

STN-MENTOR* (STN)

Serie von insgesamt 7 interaktiven Lehr- und Lernprogrammen zur Benutzung von STN Datenbanken: 1) STN-Overview gibt Überblick über MESSENGER Suchsprache; Weitere Programme: 2) Introduction to CAS ONLINE, 3) Introduction to Chemical Journals Online, 4) Focus on Biotechnology, 5) Focus on Superconductors, 6) Focus on Health & Safety, 7) Spotlight on Authors. STN Overview gratis, alle anderen US\$ 19.50

7. LITERATURVERWALTUNG

ChemLit (COM)

Strukturorientierte Literaturdatenbank. Erlaubt auch die Suche nach chem. Reaktionen. Kompatibel zu ChemFile (siehe dort) US\$ 150.- (Diskont bei gleichzeitiger Bestellung von ChemFile)

PC-Literatur-Verzeichnis (VTR)

Verwaltung von Zeitschriften-Artikeln auf Stichwort-Basis. 512 Zeichen/Datensatz, ca. 600 Datensätze/Diskette. OS 436.-

LARS II (MAY)

sehr leistungsfähiges, professionelles Programm OS 25.000.-

LITERA (TÜB)

Programmpaket mit mannigfaltigen Abfragemöglichkeiten nach Stichworten etc., die nur phonetisch übereinstimmen müssen ca. DM 600.-

LITREF (APRIL)

Rasche, einfache, menügesteuerte Literaturdatenbank mit tlw. vorgegebenen Feldern. Flexible Suchmöglichkeiten. Downloading von Hosts möglich. Autor- und Stichwortfelder sind indiziert, Automatische Teilstring-suche. [Engl. Pfund] 99.-

MASULIST* (OLD)

Bibliotheks- und Informationssystem der Universität Oldenburg. Menütechnik. Besondere Eignung zum Führen von Literaturkarteien im Rahmen einer akademischen Arbeit. Publikationsreife Druckausgabe, daher gut geeignet zum Erstellen von Bibliographien. DM 50.-

MEMOLIT (IDEA)

Literaturverwaltungsprogramm für max. 5000 Literaturstellen, max. 500 Schlagworte, Volltextsuche, Definition von Bruchschablonen, ausführliche Besprechung siehe: Nachr. Chem. Techn. 36, 47 (1988) DM 590.-, (Demo DM 25.-)

REFSYS (ELS)

Verwaltung von 10000 Zitaten mit 100 Kategorien. Crossreference möglich. ASCII-Output, somit leichte Übernahme in Textverarbeitung. US\$ 120.-

Sci-Mate Personal Data Manager (ISI)

Random Access, kein Indizieren nötig, flexible Records, 20 Datenfelder können definiert werden, Report Generator, Records können sofort nach Eingabe durchsucht werden. US\$ 540.-

SEARCHLIT 2.0 (MEDISOFT)

Suche nach indizierten Keywords oder ASCII-Strings in Titel, Autor, Abstract; Einfügen von Files die mit Textverarbeitung erzeugt wurden. US\$ 250.- (DEMO: 10.-)

8. SPEKTRENANALYSE

IR-SPEC*

Fortran-Programm zu Auswertung von IR Spektren. Unbequeme Dateneingabe. Benötigt mathem. Coprozessor. Erfüllt nicht die Vorstellungen eines IR-Interpretationsprogramms für PCs. Bessere Programme sind mit modernen IR-Geräten kombiniert. PC-Versionen dieser leistungsfähigeren Programme wären höchst wünschenswert!

NMR* (IOC)

Graphikorientiertes kompiliertes BASIC-Programm zur Simulation von ¹H- und ¹³C-Spektren aromatischer Verbindungen auf Grund von Inkrementberechnung. Das Programm berücksichtigt auch Fluor und Phosphorkopplungen und kann durch Hinzufügen eigener Datensätze adaptiert werden. Für Hochschulinstitute kostenlos.

MASCOT (FW)

Einfaches Massenspektren-Analyseprogramm. Berechnung der Molekülformel, Spektrensuche, Lieferung von Libraries [Engl. Pfund] 650.-

RACCOON* (CLB)

Freeware des Projektes SERAPHIM (SERAPHIM IBM Nr 003) zur Vermittlung der Grundlagen zur Spin-Spin Kopplung in der ¹H-NMR Spektroskopie. Ermittlung von Kopplungskonstanten durch schrittweise Optimierung angenommener Rohdaten auch z.B. für ABX-Systeme. ca DM 10.-

9. MESSDATENERFAS-
SUNG und -VER-
ARBEITUNG:**ASYST (MM)**

Programmiersprache mit mehreren Modulen (System, Analysis, Acquisition, GRIP/IEEE-488 Interface). Starke Graphikunterstützung, professionelles Werkzeug. US\$ 1695.- für Module 1-2, 2195.- für 1-4

ASYSTANT (MM)

Fix programmierte, menügesteuerte Version von ASYST: graphikorientierte Datenanalyse, Statistik. Unterstützt

schnelle Fourier Transformation (FFT), Matrixinversion und Glättung sowie arithmetische und trigonometrische Funktionen. ÖS 8000.-

DADISP (ELS)

Spreadsheet-Programm für Wissenschaftler. 150 Funktionen, incl. FFT, statistische Analyse, Signal-Arithmetik, Peak Analyse etc. Macro Definition, 64 Windows, 32-Bit floating-point-Arithmetik. US\$ 795.-

ENZFITTER (ELS)

Kurvenanpassungsprogramm durch nichtlineare Regression (Marquart Algorithmus). Liest Lotus 1-2-3 Files. [Engl. Pfund] 99.-

**KINETIK, EBDA, LIGAND,
LOWRY (ELS):**

Programmpaket zur Radioligandenbindung-Analyse. Programmbeschreibung siehe: J.Pharmacol. Methods 14, 213 (1985) US\$ 140.-

QDMG (FREE)

Entwicklung des Instrum. Design Lab., Dep. Chemistry, Univ. of Kansas, Lawrence, KS 66045; erzeugt Plots bester Qualität auf HP-Plottern. Manual auf Diskette vorhanden. Erlaubt die Inkorporation beliebiger Funktionen. An eigene Bedürfnisse anpaßbar. Freeware

TADPOLE (ELS)

Numerische Datenbank mit Statistikpaket. Ausführliches Manual. Datenübernahme von Lotus 1-2-3. Deskriptive - parametrische - und nicht-parametrische statistische Tests (u.a. ANOVA, chi-squared 2X2 und NxK, Fisher, McNemar, Mann Whitney U-Test, Kendall, Friedman und Mantel-Haenzel). US\$ 140.-

CLAS (UNI GRO)

Microcomputerversion von CLAS; interaktiver- oder batch-Input; Module umfassen u.a.: ALLOC, LINRER, SIMCA. Das Programm wurde für medizinische Statistiken entwickelt, ist aber universell anwendbar. Preis unbekannt

CLEOPATRA (ELSA)

Programm und "Courseware" zur Einführung in die Chemometrie mit meh-

rerer Modulen: Datenkorrelation, Prozeßüberwachung, Prozeß Rekonstruktion, Autokorrelation, Autoregression, Kurvenanpassung, Fast Fourier, etc. Verschiedene Module. Dfl 2220.-

COPS (ELSA)

Sequentielle Simplex Methode zur Optimierung z.B. HPLC-Trennung, Enzymbestimmung etc. Dfl 2310.-

REFVALUE (ELSA)

Klinische Chemische Analyse: Berechnung von Referenzintervallen. US\$ 965.-

CLUE (ELSA)

Einfaches Clusteranalyse-Programm; Einteilung von Objekten in Gruppen auf Grund von Ähnlichkeiten Dfl 975.-

EIN*SIGHT (INFX)

Multivariate Statistik, explorative Datenanalyse, aufbauend auf dem Softwarepaket SYMPHONY (erforderlich) US\$ 295.-

BALANCE (ELSA)

Vergleich der Meßwerte aus 2 Versuchsreihen mit statistischen Tests Dfl 495.-

**INSTRUMENTUNE-UP
(ELSA)**

Einfaches Programm zur Optimierung von Instrumenten mit der sequentiellen Simplex-Methode Dfl 495.-

EUREKA* (BOR)

Menügesteuerte, benutzerfreundliche Datenanalyse, Lösung von Gleichungssystemen, Kinetik, Integration, Ableitung, Fenstertechnik, gute Graphik US\$ 99.-

PS1* (BBN)

Signal- und Datenverarbeitungsprogramm; Curve-fitting, grafikfähig. Demoversion: US\$ 20.-

10. STÖCHIOMETRIE

ANALYSE* (IOC)

Programm zur Berechnung der Elementarzusammensetzung beliebiger Moleküle (Mikroanalysen). Erlaubt die Berechnung von Kristallwasser etc. sowie Ausbeuteberechnung. Erzeugt Vorschläge für passende Summenformeln zu gegebenen Mikroanalysendaten. Automatische Übernahme der Werte in Textverarbeitung möglich. Preis auf Anfrage.

Rechenprogramm Stöchiometrie (VCH)

Modul aus der Linengraphik-Serie; siehe dort. DM 600.-

11. TEXTVERARBEITUNG

hier kann auf den Übersichtsartikel von Gerson (4) verwiesen werden.

12. THEORETISCHE CHEMIE

MM2 (CLB)

Allinger'sche MM2-Rechnungen (max. 300 Atome der Elemente H, B, C, N, O, F, Cl, Br, I, S, P und Si). Adaption des SERAPHIM-Mainframe Programms für PC. (SERAPHIM IBM 1401 und 1402) je Diskette ca. DM 10.-

CNDO/INDO (CLB)

Berechnung von bis zu 80 Orbitalen; Adaption des SERAPHIM-Mainframe Programms für PC. Verlangt Mathematik Coprozessor. Nutzung dieser aufwendigen Methoden erfordert umfangreiche Kenntnisse und Erfahrungen in theoretischer Chemie. je Diskette ca. DM 10.-

13. TELEKOMMUNIKATION

ChemTalk/ChemHost (MDL)

Kommunikationsprogramm zwischen PC und Vax für MDL's REACCS und MACCS-Programme. Schnittstelle für ChemText. Preis auf Anfrage.

INFOLOG (IuK)

Integriertes Informationspaket zur (allenfalls strukturorientierten) Datenbankabfrage. Diverse Module zur Nachbearbeitung der Rechercheergebnisse: Infotext (DM 1467.-), Infobank (DM 2200.-), Infograph (DM 880.-) - (Mikroplot-Tektronix-Emulation zur Abfrage in graphischen Datenbanken), Infodraw (DM 320.-) (Blättern und Plotten von Graphiken)

PCPLOT* (MIP)

Übersichtliches Telekommunikationsprogramm zur graphikorientierten Datenbankabfrage. Upload/ Download, Unterstützt Plot 10 Graphik und emuliert DEC VT-100 und VT-640 sowie Tektronix 4010 und 4027 Terminals. Bestens geeignet zur Kommunikation mit universitären Rechenzentren durch Graphikunterstützung. Weitere Programmodule z.B. SlideShow, PlotScale, SetchPad etc. erhältlich. US\$ 99.-

EMU-TEC (FTG)

mächtiger als PCPLOT, Emulation der wichtigsten (Farb)-Graphikterminals u.a. Tektronix 4014, 4096 x 4096 Punkte. EMU-TEC Level [Pound Sterling] £ 350.- EMU-TEC Five Plus (Farbemulation, inkludiert Level 2 [pound Sterling] 450.-

Sci-Mate Universal Online Searcher (ISI)

Vereinheitlicht Suchsprache für verschiedene Hosts (ISI Search Network, DIALOG, SDC, BRS etc.) Unterstützt automatisches Login; hilft Anfängern mehrere Datenbanken mit einer Suchsprache abzufragen. US\$ 440.-

14. BEZUGSQUELLEN

ACS American Chemical Society, Dept. 212, 1155 Sixteenth Street, NW, Washington DC 20036, USA

ADI ADI Software, Bunsenstr. 22, D-7500 Karlsruhe

ALDRICH Aldrich Chemie G.m.b.H., D-7924 Steinheim

AP Academic Press, 24/28 Oval Road, London NW1 7DX, UK

APRIL April Computing Executive Ltd., 14/16 Church Street, Frodsham, Cheshire, WA6 6QL, GB

AUTOS Autoscribe Ltd., 7 Hawks Close, Wokingham, Berkshire, RG 112SZ bzw. Hawk Scientific Systems, Inc., Kinnelon, NJ USA

BBN Bolt, Beranek und Newman, 10 Fawcett Street, Cambridge, MA 02238, USA

BOR Borland, SAS Instruments inc., Box 8000, Cary, NC 27511-8000, USA

CLB Redaktion Chemie für Labor und Betrieb, Postfach 1247, D-5840 Schwerte,

COM COMPRESS, P.O. Box 102, Wentworth, New Hampshire 03282, USA

ELS Elsevier-BIOSOFT, P.O. Box 98, Cambridge, CB2 1LB, UK

ELSA Elsevier Science Publishers, P.O. Box 211, NL-1000AE, Amsterdam, Niederlande

FW Fraser Williams, London House, London Road South, Poynton, Cheshire, SK12 1YP, UK

FREE FREeware: Kopie vom Korrespondenzautor gegen Einsendung einer formatierten 5 1/4 Zoll Diskette samt frankiertem Rückkuvert möglich

FTG FTG Data Systems, P.O. Box 615, Stanton, CA 90680, USA

GTV Georg Thieme Verlag, Postfach 732, D-7000 Stuttgart 1

HDS Hampden Data Services Ltd., Hampden Cottage, Abington Rd., Abingdon, Oxfordshire, OX14 3EG, U.K.

IDEA IDEA-GmbH, Fürstenstr. 7, D-7400 Tübingen 1

INFX Infometrix, 2200 Sixth Ave. 833, Seattle, Wash. 98121, USA

IOC Dr.U.Jordis, Inst.Org.Chem., TU Wien, Getreidemarkt 9, A-1060 Wien, Tel. 58801.5013

IRL Press, P.O. Box 1, Eynsham, Oxford OX8 1JJ, UK

ISI Institute of Scientific Information, 3501 Market Street, Philadelphia, PA 19104, USA

IuK Information und Dokumentation, Schwaighoferstr. 8, D-7800 Freiburg,

LSD Laboratory Software Limited, 2 Ivy Lane, Broughton, Aylesbury, Bucks., UK

MAY May Computer, Schanzstr. 7, 1140 Wien

MDL Molecular Design, Wallstr. 8, CH-4002 Basel, Schweiz

MEDISOFT Medical Profess. Building, Suite 350, 1595 Soquel Drive, Santa Cruz, CA 95065, USA

MIP Microplot Systems Co., 659-H Park Meadow Rd., Westerville, Ohio 43081, USA

MM Macmillan Inc., Vertretung für Österr. durch: Keithley Instruments GmbH, Heiglhofstr. 5, D-8000, München, bzw. Fa. Keithley Instr., 1190 Wien, Döblinger Hauptstr. 32

MPG Hawk Scientific Systems, Inc. 170 Kinnelon Road, Suite 8, Kinnelon, NJ 07405, USA

MÜNSTER Inst. f. Pharmazeut. Biologie und Phytochemie, Prof. Dr. H. Glasl, Hittorfstr. 56, D-4400 Münster

OLD Anja Lausch, Postfach 2503, 2900 Oldenburg,

SPRING Springer Verlag, Tiergartenstr. 17, D-6900 Heidelberg.

STN Fachinformationszentrum Chemie, Steinplatz 2, D-1000 Berlin 12,

TÜB Inst. f. Physik. u. Theoret. Chemie, Prof. Dr. G. Gauglitz, Auf der Morgenstelle 8, D-7400 Tübingen

TRIPOS Tripos Associated Inc., 6548 Clayton Rd., St. Louis, Missouri 63117, USA, vertreten durch: Evans & Sutherland, Stahlgrubenring 32, D-8000 München 82.

UNI GRO J. Hemel, Central Lab., Univ. Hospital, P.O.Box 30001, Groningen, Niederlande.

VCH Verlag Chemie, Postfach 1260, D-6940 Weinheim

VTR Verlag Technik Report, Markgraf Rüdigerstr. 8, 1150 Wien

15. WEITERFÜHRENDE LITERATUR:

1) Textverarbeitung mit Strukturen: W.A. Warr ed., "Graphics for Chemical Structure, Integration with Text and Data", ACS Symposium Series Vol. 341, American Chemical Society, Washington, 1987.

2) Universitäre Computernutzung: G. Kaupp, Chem. f. Labor Betr. 37, 580 (1986).

3) Softwarekataloge: a) Katalog des Projektes SERAPHIM: CLB (siehe dort) b) H. Schulz, "Software-Katalog Chemie", 2. Auflage, VCH Verlagsgesellschaft, Weinheim, 1985: Dieser Katalog beinhaltet zum Großteil Programme für andere Computer als PC's

4) Wissenschaftliche Textverarbeitung: C. K. Gerson und R. A. Love, "Technical Word Processors for Scientific Writers", Anal. Chem. 59 (17), 1031A (1987).

16. 1.Ergänzung

ALCHEMY*

(Tripos Ass., Inc., 6548 Clayton Rd, St. Louis, Missouri 63117, US\$ 450)

Molecular Modelling Software.

Derzeit mächtigstes Programm für den PC. Benötigt EGA und Maus, Mathematik-Coprocessor vorteilhaft. "Elektronischer Dreiding Baukasten": dreidimensionale Modelle werden direkt aus Fragmenten mittels Maus zusammengebaut. Energieminimierte Konformationen. Farbige, "space-filling" Modelle. Findet chirale Zentren und ordnet absolute Konfiguration zu. Bestimmung inter- und intra-molekularer Abstände, Winkel etc.

MIREAK

(K.A. Wilde, 3604 Laurel Ledge Lane, Austin, Texas 78731, USA, US\$ 500.-). PC-Version des Mainframe-Kinetik Programms. Input von Elementarreaktionen. Effizienter Integrationsalgorithmus passend für eine große Vielfalt von kinetischen Berechnungen. Resultate wurden z.B. am "Cesium-02 upper atmosphere flare problem" getestet. Demo-Diskette bei Dr. Jordis erhältlich.

19F-NMR DATABASE

(Projekt Seraphim, Dep. Chem., Eastern Michigan Univ., Ypsilanti, MI 48197, USA, US\$ 5.-) Datenbank von 19F-NMR Spektren auf Diskette. Beschreibung: J. Fluorine Chem. 37, 125 (1987).

TEMPLE DATATAP GRAPH

3.1

(Mihalisin Assoc., 600 Honey Run Rd., Ambler, PA 19002, USA, US\$ 299.- (199.- für Universitäten), "money-back"-Garantie) Umfangreiches Graphikprogramm zur wissenschaftlichen Datenanalyse. Input der Daten über Keyboard, ASCII Files, Lotus 1-2-3 Files, IEEE Bus. Datenanalyse über Polynom-Anpassung sowie standard Transformationen: $\exp(x)$, $\ln(x)$, xN , etc. Output für HPLC Plotter, Matrixoder Laserdrucker. Sehr starke Graphikunterstützung

CERABULL

Ein elektronisches "Bulletin Board" des Dep. of Ceramic Engineering der Clemson Univ. Erreichbar über (USA) 803-656-CERA (1200/300 baud, 8 data bits, 1 stop bit, no parity). Startpaket auf Diskette verfügbar von: American Ceramic Society, 757 Brooksedge Plaza Dr., Westerville, OH 43081-2821, USA (US\$ 5.-).

QSAR-PC

Berechnung quantitativer Struktur-Aktivitätsbeziehungen am PC. Basierend auf Arbeiten von C. Hansch: extrathermodynamische Methode mittels multipler Linearregression. Das Programm ist weitgehend menugesteuert und führt de novo Rechnungen zur Ermittlung von Substituentenbeiträgen zu biologischen Wirkungen (Free-Wilson additive models) durch. QSAR-PC enthält bereits verschiedene häufig benötigte Daten. Diese können leicht ergänzt werden, sodaß sich der Input auf die Eingabe biologischer Ergebnisse sowie Identifizierung der verschiedenen Substituenten beschränkt. US\$ 199.- von BIOSOFT, P.O. Box No 580, Milltown, N.J. 08850 U.S.A.

VCH BIBLIO

Für Chemiker maßgeschneiderte Literaturverwaltung aus 2 Programmteilen: der eine Teil dient zur Literaturdokumentation wobei alle Daten (siehe Abb. 1) frei recherchierbar sind. Der andere Programmteil enthält eine Referenzverwaltung für Publikationen

in dem die ausgewählten Zitate für die Zeitschrift, in der die Publikation erscheinen soll, umformatiert werden. DM 1250.-, für Hochschulen (kopiergeschützt) DM 390.-, Demoversion DM 30.- Ein Zusatzmodul VCH Biblio Import erlaubt Datenimport/-export von CAS ONLINE-, dBase III und ASCII Dateien. DM 90.-. VCH Verlagsgesellschaft, Software und Datenbanken, Postfach 1260/1280, D-6940 Weinheim.

ToxAnalysis

dient der raschen Identifizierung chemischer Verbindungen anhand von bis zu 10 DC-Rf-Werten, einem GC-Retentionsindex und der Position der langwelligsten Bande im UV-Spektrum. Vergleich mit Referenzsubstanzen in mitgelieferter Datenbank aus ca. 1800 toxikologisch relevanten Verbindungen. DM 3.000.- (2.500 für Hochschulen) von VCH Verlagsgesellschaft, Software und Datenbanken, Postfach 1260/1280, D-6940 Weinheim. C-NMR-SIMULATOR Berechnung von ¹³C-NMR-Spektren beliebiger Verbindungen nach Eingabe der Struktur. Baut auf Wissensbasis von 25000 Strukturen auf. Ausgabe graphisch, als Peakliste oder als Zentrenliste. Aufbau eigener Datenbanken ergänzt die vorhandene Wissensbasis. Datenaustausch mit den Modulen der VSPER32-Arbeitsumgebung möglich. DM 3.000.- (2.500 für Hochschulen) von VCH Verlagsgesellschaft, Software und Datenbanken, Postfach 1260/1280, D-6940 Weinheim.

Updates zu Softwareprodukten welche bereits im 1. Artikel beschrieben wurden:

Ein*Sight 2.0 Pattern Recognition.

Version 2.0 dieses Softwarepaketes benötigt keine zusätzliche Software mehr und wurde komplett überarbeitet. Hauptkomponenten- und Clusteranalyse mit guter Graphikunterstützung. Benötigt 80(2)87 Mathematik Coprozessor und unterstützt Hercules-, CGA- sowie EGA-display. US\$ 395.- (Infometrix, 2200 Sixth Ave., Suite 833, Seattle, Wash. 98121, U.S.A.) Files, Unterstützung einer größeren Anzahl von Druckern. Molecular Design, Wallstr. 8, CH-4002 Basel, Schweiz

Neue Software Zeitschrift:

Demnächst erscheint das erste Heft einer neuen "Zeitschrift" der American Chemical Society: Journal Chemical Education: Software Jedes "Heft" wird aus einer Diskette sowie gedrucktem Material bestehen. Serie A wird für Apple II Computer ausgelegt sein, Serie B für MS-DOS IBM PC kompatibel. Präsentierte Software soll Konzepte darlegen, die

a) nicht anders als durch Software übermittelt werden können bzw.

b) es gestatten, Experimente zu simulieren oder Berechnungen anzustellen welche ohne Computerunterstützung beschwerlich durchzuführen wären.

Lehrerseminar des PIB

Das von Lehrern des TGM gehaltene Seminar wird im Wintersemester an Dienstagen in der Zeit von 16.00 bis 18.00 Uhr stattfinden; als Übungsgeräte werden voraussichtlich PC-AT Verwendung finden.

Seminare der Österreichischen Computer-Gesellschaft

Bitte beachten Sie die Übersicht auf der nebenstehenden Seite !

CLUBTEIL

Club-News

Liebe Club-Mitglieder, liebe Leser unserer Zeitschrift !

Jeder PC-Fan weiß, daß Flexibilität ein unbedingtes Erfordernis ist, will man mit den Tücken der Hard- wie auch der Software zurechtkommen. Es ist also ein Anliegen des PCC-TGM, auch in dieser Hinsicht etwas zur Schulung seiner Mitglieder zu unternehmen.

Das Heft 2/1988 hat Sie mit einem neuen Layout überrascht. Der Grund dafür war, daß die Arbeit an den PC-News ab dem genannten Heft aufgeteilt wurde: Die Redaktion liegt unverändert in den Händen Franz Fialas, Layout und Satz werden jedoch von Walter Riemer besorgt, und Günther Zandra erledigt das Korrekturlesen.

Wie Sie ja alle wissen, muß das Heft 3 im Sommer zusammengestellt werden. In den Ferien sind einerseits die beteiligten TGM-Lehrer schwer zu erreichen, andererseits aber auch nicht so arbeitswütig wie in der Schulzeit. So ist das vorliegende Heft 3/1988 wiederum auf andere Weise entstanden als sein Vorgänger und seine Nachfolger. Dadurch sieht das Layout der ersten rund 40 Seiten wieder etwas anders aus und die Club-Nachrichten u.dgl. stehen erst hinter dem zentralen Bericht über die PD-Software. Diese Anordnung hat Walter Riemer viel Arbeit erspart, und außerdem: Stichwort Flexibilität (siehe oben).

Des Rätsels Lösung ist, daß Franz Fiala den PD-Teil samt Inhaltsverzeichnis fertig gesetzt auf Papier geliefert hat, unglücklicherweise aber hergestellt mit WORD und nicht mit VENTURA-Publisher. So wurde also die Seitennummerierung für diesen Teil ab Seite 1 beibehalten und der Text, kaum wage ich es zu gestehen, auf archaische Weise mit Klebestift eingeklebt. Für den Rest der NEWS blieben daher nur mehr die letzten Seiten übrig. Günther Zandra wurde bei dieser Vorgangsweise gänzlich ausgeschaltet; für die Druckfehler sind daher Franz Fiala und Walter Riemer allein verantwortlich.

Clubabende

Die ersten Clubabende sind für Oktober bis Dezember vorgesehen. Die genauen Tage werden, sobald die Stundenpläne bekannt sind, festgelegt und bekanntgegeben, allenfalls durch Beilage zu diesen NEWS: Bitte beachten Sie diese daher !

Beiträge zu den NEWS

Reaktionsschluß für Heft 4/1988 ist der 1. November 1988. Bitte liefern Sie Beiträge ! Hinsichtlich des gewünschten Formats beachten Sie bitte PC-NEWS 2/1988, Seite 3.

INFORMATIK-FACHSEMINARE FÜR LEHRER WS 88/89

Zeit	Ort	Nr.	Thema	Referenten
TUTORIAL				
30.11.	PI	T1	Simulation im Physikunterricht	LINGL
18.10.	GRg10	T2	BTX Tutorial	ZOUBEK
Tutorials der Preisträger des 1. Software Wettbewerbes für Lehrer				
6.12.	OCG	T3	Geocalc	REIDLINGER
		T4	Hochrechnung der Bevölkerungspyramide	ROTTENSTEINER
13.12.	OCG	T5	Genetische Modelle	ÖLLER
		T6	Elemath	WOHLHART
BETRIEBSSYSTEME UND COMPUTERARCHITEKTUR				
26.-28.9.	PI	S1	MS-DOS	JUDMANN
4.-5.10.	PI	S2	MS-DOS Praktikum	JUDMANN
30.9.	PI	S3	Desktop Publishing-Einführung in Ventura Publisher	WALLNER
PROGRAMMIERSPRACHEN				
Mo.3.-31.10.	PI	S4	Logo für Anfänger	FUTSCHEK
Mo.7.11. - 5.12.	PI	S5	Logo für Fortgeschrittene	SCHAUER FUTSCHEK
Do.6.10. - 3.11.	PI	S6	Pascal A	SCHAUER GRECHENIG
10.11./17.11./ 24.11./1.12./ 2.12.	PI	S7	Pascal B	GRECHENIG
6./7./13./ 14.12.	PI	S8	Einführung in Prolog	LINGL
ANWENDUNGEN DER INFORMATIK				
28.10./9.11./ 16.11.	PI	S9	Spread Sheet	NEUWIRTH
4./11.11.	PI	S10	Artificial Intelligence	GROISS
18./23./25.11.	PI	S11	Graphische Datenverarbeitung CAD/CAM	CLAUER
15.11.	GRg10	S12	BTX und Postdienste im Unterricht	GREINER/ ZOUBEK
EINSATZ DES COMPUTERS IM UNTERRICHT				
7./11./14./ 19./25.10.	PI	S13	Geometrie am PC	ASPERL SCHARF
18./21.10.	PI	S14	Einsatz des Computers im Sprachunterricht	G.SCHMID, AUER WAITZBAUER K.H.SCHMID WALLNER
19.-20.9.	Grg10	S15	Anwendersoftware im Geographie- und Wirtschaftskundeunterricht	STIEDL
19./20./21.10.	BRG 8 BG 5	S16 S26	Einsatz des Computers im Chemieunterricht Computeranwendungen im Labor	DONHAUSER
EDV-ANWENDUNGEN IN DER WIRTSCHAFT				
25.10.	PI	S17	Informationssysteme im Produktions- und Materialwirtschaftsbereich	SCHÖPF
8.11.	PI	S18	Betriebswirtschaftliche Expertensysteme	VOGEL
15.11.	PI	S19	Standardsoftware für Rechnungswesen und Lagerhaltung	RUSA
22.11.	PI	S20	Kostenrechnung mit PC-Unterstützung	RUSA
29.11.	PI	S21	Projektmanagement mit PC-Unterstützung	RIEDL
COMPUTER UND GESELLSCHAFT				
11./19.10.	OCG	S22	Datenschutz und Neue Medien	DOHR
12.10.	OCG	S23	Computer und Arbeitswelt	KOLM
DIDAKTIK				
22.2./15.3. 22.3.	PI	S24	Didaktik der Informatik	WINTERSTEIN, u.a.
12./14./21.9.	OCG	S25	Augentraining gegen Überanstrengung bei Computerarbeit	SPITZER

AUSKUNFT UND ANMELDUNG: ÖSTERREICHISCHE COMPUTER GESELLSCHAFT
WOLLZEILE 1-3, 1010 WIEN, TEL: 0222/512-02-35

Tagung "Jugend und Computer" der Arbeitsgemeinschaft für Datenverarbeitung

In der Zeit vom 18. bis 20. November 1988 veranstaltet die ADV, Trattnerhof 2, 1010 Wien, eine Tagung in Wien.

Der PCC-TGM wird auf dieser Tagung einen Stand besetzen und einen Ausschnitt aus seinen Aktivitäten präsentieren, insbesondere auch die Mailbox und den Literatursuchdienst.

Club-Bazar

Unser Bazar ist diesmal wegen der Sommerpause recht bescheiden. Die Firmenunterlagen haben sich seit PC-NEWS 2/1988 nicht wesentlich geändert und entfallen daher in diesem Heft.

Bitte beachten Sie die folgenden Angebote:

**Schüler / Studenten für Installieren von
Programmen auf PC mit Festplatte gesucht.**

Einschulung des Benützers ist ebenfalls erwünscht.

Auskünfte im Sekretariat des PCC-TGM

80287-10

Math-Coprozessor

10 MHz, neu, verkauft W. Riemer um S 4.500,-- .

Telefon 02262-2242

**Schüler / Studenten für Installation
des Grafik-Programms ACAD samt
Peripherie gegen Bezahlung
gesucht.**

Auskunft im Sekretariat des PCC-TGM

**Gut ausgebauter APPLE IIe
(Z80-Karte, 2 Laufwerke, 1 Speichererweiterung, Printerkarte)
TURBO-Pascal, WordStar, dBASE II, ca. 30 Disketten, Literatur
VB S 5.000,--
P. Sorgo, Telefon 69 10 883**