



Redaktionelt .....	3
Uddrag fra Bulletin Board konferencer .....	4
PC-volumes	
PC-SIG 439 Communication programs .....	9
PC-SIG 440 Miscellaneous applications .....	10
PC-SIG 441 Tektronix 4010 emulator .....	11
PC-SIG 442 SPA:WN Structured Programming .....	11
PC-SIG 443 T-score/Education .....	12
PC-SIG 444 Hotkey/XDOS/EZ-menu/calc .....	13
PC-SIG 445 Willy the Worm .....	14
PC-SIG 446 Zork utilities .....	14
PC-SIG 447 The sky .....	15
PC-SIG 448 Assorted games .....	15
PC-SIG 449 G.A.G.S. .....	16
PC-SIG 450 Assorted Basic games .....	16
PC-SIG 451 Cavequest .....	17
PC-SIG 452 The Amulet of Yendor .....	17
PC-SIG 453 Adventureware .....	18
PC-SIG 454 UniForth .....	18
PC-SIG 455 PC-Type .....	18
PC-SIG 456 Assorted games .....	19
PC-SIG 457 Greatest arcade games .....	19
PC-SIG 458 IncTax .....	20
PC-SIG 459 Assorted agricultural programs .....	20
CP/M volumes	
SIG/M 204 Forth-83 for CP/M 80, version 2.0 .....	21
SIG/M 209 Programs from Thousand Oaks BBS .....	21
SIG/M 210 CP/M 86 Utilities .....	22
SIG/M 212 CP/M Plus Utilities and misc. routines .....	23
SIG/M 213-214 Regular Expression Compiler.....	24
Medlemsliste .....	25

# Møder

Der er planlagt medlemsmøder på følgende datoer:

onsdag d. 17 februar Turbo PASCAL version 4  
onsdag d. 16 marts Kunstig Intelligens  
onsdag d. 13 april "Noget om grafik"  
onsdag d. 4 maj

Møderne afholdes på adressen:

Vesterbro kulturhus, Lyrskovsgade, København V

Lokale 2-3, 2. sal. Dørene åbnes som vanligt kl. 19.

Aktiviterne på møderne i foråret er endnu ikke helt fastlagt, men er forhåbentligt på plads når næste nummer udkommer.

---

## INDMELDELSE OG KONTINGENT

Indmeldelse i MUG Denmark kan foretages ved indbetaling af kontingent (pt. 200 kr. årligt) på giro 5 68 65 12, MUG Denmark, ved Jørgen Petersen. Der opkræves ikke indmeldelsesgebyr.

---

Oplag: 300  
Tryk: Dansk Tidsskrifts Tryk.  
Redaktion: Leif Olsen.

Redaktionen afsluttet 1/2-87.

Næste nummer forventes udsendt i løbet af april. Indlæg eller annoncer til bladet sendes til redaktionen (Leif Olsen). Indlæg, der er på mere end 2 sider, helst på diskette eller via Bulletin-Boardet. Indlæg honoreres med et volume fra et af klubbens biblioteker.

# Redaktionelt

## MØDER

På mødet i februar vil Jørgen Petersen fortælle om Borlands sidste nye Turbo-PASCAL - version 4.0.

Den planlagte udflugt til Kastellet i marts er desværre blevet aflyst. Istedet har vi kastet os over et nyt og spændende emne - kunstig intelligens. Se nedenfor.

På mødet i april vil vi forsøge at finde noget om grafik - på nuværende tidspunkt kan det desværre ikke blive mere konkret.

På Bulletin-Boardet vil der, såvidt muligt, altid findes en aktuel liste over brugermøder.

## BULLETIN-BOARD

Efter skift af SYSOP i november, er boardet nu oppe på fuld damp igen. Som appetitvækker bringes denne gang (ideen stjålet fra BYTE) et uddrag af to af de kørende konferencer - PASCAL og SPIL. Udeover disse findes bl.a. Hardware/software, Programmeringsproget C og Mellem himmel og jord. Disse konferencer kører ikke kun lokalt på klubbens board - meddelelser bliver udvekslet med alle andre boards tilsluttet FIDO/OPUS echomail nettet.

## MEDLEMSDISKETTE

Det lykkedes desværre ikke at samle og kopiere en medlemsdiskette inden udgangen af 87. Nu er det dog ved at være lykkedes, så sammen med dette nummer burde du finde en diskette. God fornøjelse.

Leif Olsen

## MEDLEMSMØDET I MARTS

Eksperstsystemer, videnbaserede systemer og kunstig intelligens er ord man hører oftere og oftere. Nogle få danske EDB-firmaer hævder, at de producerer software efter disse nye og bedre principper. Fup eller fakta?

Hans Buchwald fra CRI vil fortælle om forskellen på Eksperstsystemer og andre EDB-systemer samt lægge op til en diskussion af tanker omkring almindelig og kunstig intelligens.

Vel mødt!

Mikkel Moulvad

# Bulletin Board

## PASCAL KONFERENCE

From: Soren Olesen  
To : All  
Subj: Cursoroff

---

18 Sep 87 20:18:46

Er der nogen der ved hvordan man slukker cursoren på et EGA kort.

M.V.H. Soren Olesen

---

From: Nicolai Landschultz  
To : Soren Olesen  
Subj: Re: Cursoroff

---

19 Sep 87 13:02:46

Her kommer lidt cursor lal der gör at du kan sætte din cursor som du vil og derfor også slukke den:

sæt følgende registre:

Ah:=\\$01;  
Ch:="Toplinie"  
Cl:="Bundlinie"

Derefter bruger du bare:

intr(\$10,Reg);

Hvor Reg er den record der indeholder alle variable.

Mvh. Nicolai L.

---

From: Kristian Ottosen  
To : All  
Subj: Selecting a programming language ..

---

29 Sep 87 19:09:04

With such a large selection of programming languages it can be difficult to choose one for a particular project. Reading the manuals to evaluate the languages is a time consuming proces. On the other hand, most people already have a fairly good idea of how various automobiles compare. So in order to assist those trying to choose a language, we have prepared a chart that matches programming languages with comparable automobiles.

Assembler - A Formula I race car. Very fast, but difficult to drive and expensive to maintain.

FORTRAN II - A Model T Ford. Once it was king of the road.

- FORTRAN IV - A Model A Ford.
- FORTRAN 77 - A six-cylinder Ford Fairline with standard transmission and no seat belts.
- COBOL - A delivery van. It's bulky and ugly, but does the work .
- BASIC - A second-hand rambler with a rebuilt engine and patched upholstery. Your dad bought it for you to learn you to drive. You'll ditch the car as soon as you can afford a new one.
- PL/I - A Cadillac convertible with automatic transmission, a two-tone paint job, white-wall tires, chrome exhaust pipes, and fuzzy dice hanging in the windshield.
- C - A black Firebird, the all-macho car. Comes with optional seat belts (lint) and optional fuzz buster (escape to assembler).
- ALGOL 60 - An Austin Mini. Boy that's a small car.
- Pascal - A Volks wagen Beetle. It's small but sturdy. Was once popular with intellectuals.
- Modula II - A Volkswagen Rabbit with a trailer.
- ALGOL 68 - An Aston Martin. An impressive car, but not just anyone can drive it.
- LISP - An electric car. It's simple but slow. Seat belts are not available.
- PROLOG/LUCID - Prototype concept-cars.
- Maple/MACSYMA - All-terrain vehicles.
- FORTH - A go-cart.
- LOGO - A Kiddie's replica of a Rolls Royce. Comes with a real engine and a working horn.
- AFL - A double-decker bus. It takes rows and columns of passengers to the same place all at the same time. But it drives only in reverse gear and is instrumented in Greek.
- ADA - An army-green Mercedes-Benz staff car. Powersteering and automatic transmission are all standard. No other colors or options area available. If it's good enough for the generals, it's good enough for you. Manufacturing delays due to difficulties reading the design specifications are starting to clear up.

- DAIMI POSTEN 5.3-87 -

---

From: Frank Rasmussen  
To : Jesper Wolf  
Subj: Re: Turbo Pascal ver 4

---

14 Dec 87 08:54:00

Jeg er næsten færdig med programmet, men jeg har et problem.  
Hvordan bruger man ANSI-escapesekvenser fra pascal. Det jeg laver  
ser ikke ud til at virke.

MVH  
PAR

---

From: Frederik Willerup  
To : Frank Rasmussen  
Subj: Re: Turbo Pascal ver 4

---

15 Dec 87 23:04:20

Hej Frank

Jeg ville umiddelbart tro, at dine ANSI-koder ikke virker, fordi  
Turbo og Poly (i hvert tilfælde version 3) benytter deres egne  
interne video-drivere. Når du gladeligt skriver en escape-sekvens  
ud til skærmen bliver den sikkert filtreret fra af denne driver.

Du kan jo prøve at bruge bios/dos kald ved ANSI udskrivning, eller  
skrive din egen lille driver.

Det var altså bare det jeg ville foreslå - hej!

Frederik

---

From: Lars Lautrup  
To : Frederik Willerup  
Subj: Re: Turbo Pascal ver 4

---

17 Dec 87 06:37:32

Hej Frederik.

ANSI-escape sekvenserne virker KUN når der skrives via Dos og ikke  
gennem BIOS. Jeg lavede for et stykke tid siden et program, der  
kunne vise disse ANSI-billeder og så vidt jeg kan huske, loader  
man characteren ind i AX og kalder interrupt 21H. Hvad DX skal  
inneholde, kan jeg ikke huske, men alt det står beskrevet bl.a. i  
DOS Technical reference (og sikkert en masse andre steder).

M.v.h. Lars.

**From:** Jesper Wolf  
**To :** Frank Rasmussen  
**Subj:** Re: Turbo Pascal ver 4

---

17 Dec 87 23:00:36

Dit problem er at du skriver til skærmen via turbopascals egen skærmdriver, der ikke forstår ansi-koderne.  
Det kan løses meget enkelt ved at angive compilerdirektivet: (\*\$P1\*). Tallet 1 angiver at der skal bruges en outputbuffer på en byte, hvis du hovedsageligt vil skrive til skærmen er det helt fint, men hvis du vil redirigere dit output til en fil bør du forhøje tallet til feks. 512 der er sektorstørrelsen på en diskette.  
Det glæder mig at du næsten er færdig med programmet, sig til når du er helt færdig, og fortæl på hvilken BBS du anbringer det. Det er jo lidt svært at gætte hvor du uploader programmet da dine meassages echoes over hele landet.

Venlig hilsen:  
Jesper Wolf Jespersen

---

---

**From:** Leif Neland  
**To :** All  
**Subj:** Pascal/Ansi/bios/dos

---

18 Dec 87 00:00:04

Hvad sker der, hvis man åbner en text-fil til con: ?  
Bliver der så ikke skrevet via ANSI.SYS?

Leif Neland

---

#### SPIL

**From:** Ulrich Munch  
**To :** All  
**Subj:** Hack103

---

23 Sep 87 00:50:18

Hvordan kommer jeg fra level 1 til 2. Jeg kan ikke komme igennem døren.

From: Kim Lykkegaard  
To : Ulrich Munch  
Subj: Re: Hack103

---

23 Sep 87 17:08:12

Hej Ulrich,

Man enter næste level, ved at gå ud og finde den anden trappe, den kan man gå ned af, og op igen til det level man lige kommer fra. Her nede gentager samme procedure sig. Man skal ud og finde næste trappe.

Der er altid to trapper pr. level en for op og en for ned.

En gang Hack - altid Hack.

Kim

P.S. Hvis du ikke er rutineret i spillet så er en god fidus at samle så meget mad som muligt, der bliver mindre og mindre jo længere du kommer ned. Min egen record er level 8.

From: Ulrich Munch  
To : Kim Lykkegaard  
Subj: Re: Hack103

---

24 Sep 87 22:42:48

Hej Kim,

Tak for svaret. Det kunne jeg desværre bare ikke. Hvis jeg prøver at gå ned får jeg svaret: 'Mysterious force prevents you from going down', eller noget lignende. Ved du (eller andre) hvad jeg skal gøre ved det?

Mvh. Ulrich

From: Kim Lykkegaard  
To : Ulrich Munch  
Subj: Re: Hack103

---

25 Sep 87 06:09:52

Hej Ulrich,

Nej den har jeg aldrig været ude for, men har du din lille hund med ? Den skal stå på et felt der støder op til dig. Hvis du stadig ikke kan, så fortæld mig lige hvilken type du er.

KIM

P.S. er du uheldig, kan du ikke komme videre før du har fundet en spæll der ophæver troldommen.

MODEM86 is a communications program for intel 8086/88 based computers. It runs under both cp/m-86 and ms(pc)-dos. It provides such features as file copying using xmodem protocol, terminal emulation, file transfer with all hosts, x-on/x-off flow control, batch mode, optional on-line help and menus, file transfer and conversion utilities, and auto-dialing.

BIN2HEX	COM	Converts a binary file to a hex file
COM2CMD	COM	Converts ms(pc)-dos programs to cp/m-86 programs
COM2CMD	CMD	Converts ms(pc)-dos programs to cp/m-86 programs
CMD2COM	COM	Converts cp/m-86 programs to ms(pc)-dos programs
DISTMDM	BAT	Copies distribution disk files - for ms(pc)-dos
DISTMDM	SUB	Copies distribution disk files - for cp/m-86
EXPAND	COM	Replaces tabs with blanks
MODEMSET	COM	Configures modem86 for running environment
MODEM86	DOC	Abbreviated user manual
MODEM86	HST	Program's revision history info
MODEM86	SET	Unconfigured modem86 program
PATCHES	DOC	Text file containing a history of programming patches
PHONES	DAT	Example phone number directory
REMOVECC	COM	Removes fortran-style carriage controls
SHRINK	COM	Replaces blanks with tabs
SIOBIOS	A86	Source for an example cp/m-86 custom serial i/o bios
SIOBIOS	MAC	Source for an example ms(pc)-dos custom serial i/o bios
UNSQZ	COM	Decodes squeezed files

---

#### IT communications program

IT is an easy to use modem communications program without a complicated setup. It has a clean uncluttered look, emulates a vt-52 terminal, supports xmodem protocol yet allows autodial with hayes compatible modems.

IT stands for intelligent terminal.

IT	DIR	Dialing directory for auto-dialing
IT	EXE	Main program
IT	DOC	Documentation (1k)

A mixture of basic and pascal programs that perform a variety of tasks.

READ	ME	Explains the file extensions of some of the basic programs On this diskette
		IRA/SPDA
IRA	BAS	Individual retirement account / single premium deferred annuity calculations for financial planners and insurance agencies. (protected)
HOLD	DAT	
IRA	DAT	data files used by IRA.BAS
PRINT	BAS	? - <have absolutely no clue as to what this program does>
		Amortization schedules
GO	BAT	Batch file to start AMRTMENU.BAS program
AMORT	BAS	Calculates loan amortization - results to the printer
AMRTMENU	BAS	Program that selects AMORT.BAS or SCRNAME.RT.BAS
SCRNAME.RT	BAS	Calculates loan amortization - results to the screen
AMRTMENU	ABS	Abstract of the AMRTMENU.BAS program
AMORT	ABS	Abstract of the AMORT.BAS program
SCRNAME.RT	ABS	Abstract of the SCRNAME.RT.BAS program
		Restaurant house-charge billing (V1.0)
GBILL	EXE	The house-charge billing program
CLEAR	EXE	Creates data files for the GBILL.EXE program
SETUP	EXE	Customizes the entire system
READ-ME		Notes for printing documentation and installing system
GBILL	DOC	Documentation (15k)
		PCBD
PCBD	BAS	A program that assists in estimating the production cost of double sided printed circuit boards.
PCBD	DOC	Documentation for PCBD.BAS (4k)
PCBD	ABS	Abstract of the PCBD.BAS program
PCBD	ASC	Ascii text file of the basic source code
		Filefix
FILEFIX	BAS	Prepares ascii text files with cr/lf delimiters for import into the wordplus pc wordprocessing program
FILEFIX	DOC	Documentation file (2k)
FILEFIX	ABS	Abstract of the FILEFIX.BAS program
FILEFIX	ASC	Ascii text file of the basic source code
FILEFIX	PAS	Pascal source code
FILEFIX	COM	Compiled version of the FILEFIX.PAS program
		Diskfile label maker
DISK	PRG	Dbase iii source code for the disk-file system
FILELIST	TXT	List of files on this diskette
DISK	EXE	Compiled version of disk-file diskette label maker
DISKFILE	DBF	Data base for disk-file
CAPSLOCK	COM	Program to set caps lock to on. Place in AUTOEXEC.BAT
COMMENT	MEM	Memory file used in disk-file

---

Volume PC-SIG 441

TEKTRONIX 4010 EMULATOR

---

The program on this disk almost completely emulates a tektronix 4010 storage tube display terminal, both full text and graphics. The pc's screen may still be raster graphics (320 x 200), but all the detail is STILL THERE. Also included is a dec vt100 mode simulation.

TEKTERM2 EXE The main emulation program  
TT CFG A configuration file  
TT DOC A brief explanation of how to use the tekterm2 program  
TT EXE A utility overlay  
TTUTIL EXE A utility overlay  
VDATO1 OVL An overlay to the main program  
VDATO2 OVL An overlay to the main program

---

Volume PC-SIG 442

SPA:WN STRUCTURED PROGRAMMING/WARNIER DIAGRAM

---

SPA:WN is an acronym for 'structured programming automated: warnier notation'. The programs on this disk serve both as a tutorial on the concepts of structured programming, and as a working tool for helping a programmer design and document the structure of his programs.

DIR DIR Short description of the files contained on this disk  
PWARN COM Executable object code for pascal warnier program  
PWARN PAS Turbo pascal source for warnier program  
PWARN WAR Spa:wn source for pascal warnier program  
READ ME Miscellaneous matters; expl'n of files  
RODGERS WAR Example spa:wn source for a fortran program  
SPAWN BAT Batch file for doing spa:wn runs: 'spawn fn'  
SUMMARY USE Brief, cryptic reminder of input requirements  
WARNCMS LST Detailed use instructions for cms mainframe users  
WARNIEEE LST Academically oriented paper about spa:wn  
WARNINTR LST Introduction for structured programming beginners

----- T-scores grading system (requires an 8087 math co-  
processor!!!)

READ ME Brief description file for t-score (4k)  
TSCORE EXE Calculate t-scores, to assign equitable grades.  
TSCORE S3I Sftran source text for tscore.  
TSCORE S3L Pretty 4 page listing, from sftran processor.  
TSCORE FOR Fortran source text, output from sftran processor.  
TSCORE DAT Sample data for input to tscore.  
TSCORE LIS Output corresponding to TSCORE.DAT.

----- PC gradebook

GRADES BAS Ascii basica program for main routine  
NOTICE BAS Ascii basica plea for money  
REPORTS BAS Ascii basica routine to produce printed reports  
README TXT Introductory message and notes on operation (3k)

----- Flashcards

FLASH BAS A spelling program  
FLASH BAT Batch file to load FLASH.BAS in dos  
FLASH DOC Documentation for FLASH.BAS (short)

----- Scr - high score organizer

SCR-MENU BAS Main program - run first from basica  
SCR-EXEC BAT Batch file to start program from dos  
\* BAS Programs called from scr-menu (5 files)  
\* DOC Documentation files (12 files)

----- More education programs

MATH BAS A math program that will help you learn your math facts  
MATH DOC Documentation for MATH.BAS  
MENU BAS Menu for this set of programs  
TYPE BAS Program to improve your typing skills  
TYPE DOC Documentation for TYPE.BAS  
KILL BAS Utility to save you time in basic  
KILL2 BAS Updated version of KILL.BAS  
KILL DOC Documentation for KILL.BAS and KILL2.BAS

The 4 separate programs on this disk are not related to each other. They have been brought together because they all help with little needs that show up with great frequency on a computer. The programs are described in the text below.

----- PC-calculator (V1.0)

CALC	EXE	Main program for pop-up reverse polish notation calculator
READ	ME	Shows how to start calc. Just "type READ.ME"
FINDKEY	COM	Gives 4 number code for each key on the keyboard
MANUAL		Documentation (38k)
LETTER		Program release letter
CALC	HEO	Overlay for calc
BCALC	COM	Allows definition of "pop-up" key

----- Hotkey (V1.01)

HOTKEY	EXE	Hotkey is used to redefine the function keys (f1-f10)
HOTKEY	DEF	Sample key definition file
HOTKEY	DOC	Doc for hotkey. Type "copy HOTKEY.DOC prn", hit return (5k)
CONFIG	SYS	Must be on boot disk. ANSI.SYS must also be present
README		Starting introductory note

----- XDOS

ALARM	COM	An alarm clock function
CAT	COM	An alternative to dos's dir command
HELP	COM	Assistance with dos commands
LOCK	COM	Provides the ability to lock and hide files
NOPRINT	COM	Re-directs printer output to the screen
ZAP	COM	Two methods for securing sensitive files
XDOS	DOC	Reference manual for the xdos commands
PRINTMAN	BAT	A batch file to print this manual
README	TXT	A greeting file

----- EZ-menu

EZ-MENU	LST	A mini file that describes the 3 ez-menu files
EZ-MENU	TXT	Documentation for ez-menu (4k)
EZ-MENU	BAS	Instant, ez menu to run exe, bat, com and bas files

---

Volume PC-SIG 445

WILLY THE WORM & MORE

---

Willy the Worm is a high quality game that allows you to build your

DILEMMA COM The prisoner's dilemma game  
DILEMMA DOC Documentation for DILEMMA.COM  
RICH COM Demo for arms race model  
RICH DOC Documentation for RICH.COM  
BANZSHAP COM Election results comparison program  
BANZSHAP DOC Documentation for BANZSHAP.COM

---

CHASE PAS Can you evade the robots chasing you? - in pascal  
CHASE COM Can you evade the robots chasing you?  
GRIME COM+ Game similar to centipede but things come at you from 4 directions (needs color graphics card)  
KIRK PIC Printer art. Subject: james t. Kirk  
DSK EXE Disk crash (yes, it is a game)  
SHUTTLE BAS Will draw the space shuttle from any angle in 3d  
----- Willy the Worm  
WILLY COM Willy the Worm -- executable main program  
WILLY SCR Data: top ten high scores and names  
WILLY DAT Data: eight game screens  
WILLY CHR Data: modified character set for WILLY.COM  
WILLY DOC Complete documentation for WILLY.COM (5k)  
EDWILLY COM Allows user to edit game screens  
EDWILLY DOC Complete documentation for EDWILLY.COM (4k)  
VIS COM "Hides" files on directory  
INVIS COM "Un-hides" files on directory  
READ ME Brief description on willy the worm

---

Volume PC-SIG 446

ZORK UTILITIES

---

PIRATE BAS Adventure game. Find island, explore, get treasure and return to ship.  
PIRATE DOC Documentation for PIRATE.BAS.  
ASTRO COM+ Asteroids game.  
Q-BERT EXE+ Like arcade game. Turn squares to different colors but watch out for balls and other obstacles.  
TEMPLE BAS Temple of loth! like dungeons and dragons.  
XWING BAS+ Relive star wars.  
ZORK1 DOC Solution for zork i.  
ZORK2 DOC Solution for zork ii.  
ZORK3 DOC Solution for zork iii.  
ZT16 EXE Zork tools!! great utility for any infocom game. Change a game to a dos file, find vocab. For any game and more!!!  
ZT16 DOC Documentation for ZT16.EXE. (11k)  
CRISIS .EXE+ Space game (c/g required)  
GODCREAT.BAS Advanced dungeons & dragons god creation program

---

**Volume PC-SIG 447****THE SKY**

---

There are two sets of files on this disk. Both deal with the sky and thus the title. The first program is an aid for pilots in plotting their flight plan data. The second program is to locate the various stars and constellations.

----- Air navigation  
READ ME Text file  
REVIEW BAS  
AIRNAV DOC Documentation file  
WESTCST DAT Data file for AIRNAV.BAS covering the west coast of usa  
NORCOAST DAT Data file for AIRNAV.BAS covering the north coast of usa  
CENTRAL DAT Data file for AIRNAV.BAS covering the central area of usa  
EASTCST DAT Data file for AIRNAV.BAS covering the east coast of usa  
USA DAT Data file for AIRNAV.BAS  
AIRNAV BAS Program to prepare a flight log  
----- Starfinder  
RUNFIRST BAS Introduction  
PRINTERS BAS  
DIRECTOR BAS Prints out a directory for the program  
USERMANU BAS User's manual  
STARFIND BAS Star and constellation finder program (in basic)  
STARFIND EXE Star and constellation finder program (executed)

---

---

**Volume PC-SIG 448****ASSORTED GAMES**

---

A collection of games. Most are in color and require the color graphics monitor to run. Most of the games are medium to high quality, baby is a little disgusting.

KANGAROO BAS+ Donkey kong-like game  
AF DOC Documentation file for AF.EXE  
AF EXE+ War game based in afghanistan  
BABY EXE+ Catch the falling babies as they jump from a building  
PINBALL EXE+ Pinball game made using electronic arts pinball program  
RIBIT EXE+ Frogger clone  
MAZE1-2A EXE+ hi-res maze game (tough!)  
BOOGERS! BAS Shoot your way out of a maze  
ZYLGIS BAS Another pac-man clone  
ZYLGIS SCR High scores for ZYLGIS.BAS

---

Volume PC-SIG 449

G.A.G.S. (GENERIC ADVENTURE GAME SYSTEM) VER 1.06

---

The generic adventure game system comes with it's own adventure that is both fun and challenging, our games expert was stumped for quite some time playing this one. This adventure game, different from most allows you to create your own adventure games for your own enjoyment or to pass on to your friends.

ARC51 COM Program that archives/un-archives disk information  
GAGS106A ARC Entire gags program in archived format  
INSTALL BAT Batch file to un-archive gags to floppy  
INSTALLH BAT Batch file to un-archive gags to hard disk  
READ ME Brief notes on how to un-archive and what is on this disk

---

Volume PC-SIG 450

ASSORTED BASIC GAMES

---

another bunch of basic games for the collector or weekend game lover.  
All are interpreted so they can be modified to suit your own tastes.

DICE BAS A simple dice game  
ELECTION BAS You get to run for president  
FUN BAS A fun with numbers game  
MONEYMKT BAS Can you succeed in the stock market?  
PRESCH BAS A word game for pre-schoolers  
RIEMAN BAS Can you survive in the intergalactic trading circle  
ROBOTNKA BAS Shoot the tank before it gets to you  
STAR2001 BAS Another space game  
WALLST BAS Another stock market simulation

This is an user-supported adventure game, much in the vein as epyx's temple of aphsai. You start as an immortal, are allowed to chose your new mortal attributes, and are sent to earth to seek out fame and fortune.

CHECK	COM	Program checker
CHECK	TXT	Program checker text file
LEVEL1	DEF	Data file for level 1 of the adventure
LEVEL2	DEF	Data file for level 2 of the adventure
LEVEL3	DEF	Data file for level 3 of the adventure
LEVEL4	DEF	Data file for level 4 of the adventure
LEVEL5	DEF	Data file for level 5 of the adventure
MONSTER	DEF	Data file for adventure game
PLAYER	DEF	Data file for adventure game
QUEST	003	Part of game program
QUEST	002	Part of game program
QUEST	005	Part of game program
QUEST	001	Part of game program
QUEST	006	Part of game program
QUEST	000	Part of game program
QUEST	004	Part of game program
QUEST	COM	Main program
READ	ME	Text file
SCROLL	HNT	Hint file
SCROLL	OLD	Descriptions
SCROLL	USE	User manual
SUPPORT		User support response form

This Dungeons & Dragons type adventure comes from the stichting mathematisch centrum in Amsterdam. Originally running on a unix machine it was converted to ms-dos by Don Kneller. This adventure game is played on 20 levels against many monsters and very powerful magic. You can be an explorer, warrior, magician, tourist, knight or a caveman with all their associated powers.

Requirements: 256k memory minimum, 2 disk drives and dos 2.X or higher.

HACK	EXE	D & D adventure the 'Amulet of Yendor'
HACK	DOC	History and documentation for HACK.EXE
HACK	MSG	Hints on how to get through this adventure
DATA		List of objects and denizens of this empire
HELP		More documentation for the game
RECORD		Support file
RUMORS		Support file
README		Intro. File for ROGEHINT.TXT
ROGEHINT	TXT	More hints on how to get through this adventure

---

Volume PC-SIG 453

ADVENTUREWARE - ADVENTURE GAME

---

Here is a collection of 5 text adventure games, ranging from a mystery adventure to an out and out horror film adventure.

CRIME EXE Adventure game  
HAUNT EXE Adventure game  
ISLAND EXE Adventure game  
SUB EXE Adventure game  
TERROR COM Adventure game  
TERROR DAT Data file for TERROR.COM

---

Volume PC-SIG 454

UNIFORTH

---

The Uniforth sampler from Unified Software Systems is a subset of the full professional Uniforth. It provides a full assembler, video editor and software floating-point arithmetic. It supports the forth-83 standard with few exceptions. You will find the sampler to be the equivalent of several commercial systems selling for \$200 or more.

UNIFORTH COM Uniforth main program  
UNIFORTH DOC Documentation for uniforth (87k)  
FORTH FTH The default file that is opened when uniforth is executed.  
It contains the sysgen utility, the segment utility,  
a game and other stuff.  
VEDITOR FTH The configuration file for the video editor  
WORDS DOC The vocabulary word list

---

Volume PC-SIG 455

PC-TYPE BY JIM BUTTON

---

This is mr. Button's entry into the world of wordprocessing. PC-type is a full function word processor that is ready, willing, and able to handle all your needs. This is the evaluation version. The full fledged working version is available from mr. Button for \$59.95 + \$5 for shipping charges.

TUTORIAL<dir> Subdirectory containing all data for TUTORIAL.EXE  
PCTYPE EXE PC-type main program  
PCTYPE EVL PC-type main program  
INSTALL EXE Installation program to configure PC-type to your machine  
MAKEDEMO BAT Batch file that makes demo of PC-type  
READ ME Introductory text file  
BEGIN EDT Text file used by TUTORIAL.EXE  
TEMP Text file that shows some of the ctrl-key functions  
TUTORIAL EXE Fully automated documentation program for PC-type

---

**Volume PC-SIG 456****ASSORTED GAMES**

---

Here is another fine collection of games that will keep you busy for years to come. FIRE.EXE is a good strategy game in which you must use fire breaks and water drops to keep your section of the forest from burning away. AIRTRAX.EXE is a very good game in which you, as a air traffic controller, try to land a number of planes. PTROOPER.EXE is a good arcade shoot-em-up that will keep you guessing. And for you gamblers out there, we've got a version of the old favorite, POKER.EXE.

AIRTRAX EXE A very good air controller game  
FIRE COM Can you keep a stretch of forest from going up in smoke?  
HEART EXE+ Good graphic version of pac-man  
HOSTAGES EXE+ Shoot your way through walls to let prisoners free  
LANDMINE EXE+ Can you make it across a mine field with out going boom!  
PACKGAL COM Version of ms. Pac-man, doesn't need graphics card  
POKER EXE The old card game favorite  
PTROOPER EXE+ Keep the invading paratroopers from landing in your country  
QUBERT EXE+ Good version of q-bert

---

**Volume PC-SIG 457****GREATEST ARCADE GAMES**

---

This disk contains an assortment of our finest "arcade-type" games. You can play anything from scramble to donkey kong in programs that are similar to the arcade versions. Also on this disk are games that aren't in the arcades but should be.

FLIGHTM EXE+ Protect the omegan's from the destert warriors  
JUMPJOE EXE+ Donkey Kong like game using mario as a janitor  
MISFAC DAT Stores an image of the missile factory in striker  
SOLITARE EXE Play solitaire against the computer  
SPACEWAR DOC Documentation for SWH.EXE and SWC.EXE  
STRIKER DOC Documentation for STRIKER.EXE  
STRIKER EXE+ Public domain version of scramble  
STRKHINS BAT This file will install striker on a hard disk drive.  
STRKLOGO DAT Stores the image of inital helicopter logo.  
STRKPARM DAT Stores screen position parameters and the key assignments.  
SWC EXE+ Spacewar program for use with a color grphics card  
SWH EXE Hercules graphics version of spaceware  
TUNNELS DAT Stores the tunnel terrain data.

INCTAX.COM is a program which accepts data either from a file or the keyboard, or a combination of both, and calculates federal income tax for calendar 1985. After the calculation, changes in any item can be made to see how such changes affect income tax liabilities. A summary and details for form 1040 and schedules a, b, and d may be displayed or printed.

**CONTENTS**      Text file giving a small description of the program  
INCTAX CHN Inctax program that may use in conjunction with pc-money  
INCTAX COM Inctax program that stands alone  
INCTAX DOC Documentation file  
INITINC Initialization data file for INCTAX.COM  
README DOC Introductory text file  
TAXES79 DTA Sample data file

This seems to be a useful collection of decision aids for farm management. Type "run" and then type the return key to start this set of tools. Basica is required.

ACRSCALC BAS Analysis of federal depreciation computations  
AUTOEXEC BAT Automatic instructions to read this file  
BESTCROP BAS Price & yield analysis of crop choices (equal-margin)  
DATECALC BAS Computes future (gestation) dates & calendars  
DRYSTORE BAS Analysis of harvest and storage cost & alternatives  
FARMBID BAS Determines the maximum bid price for land or a farm.  
FEEDPIGS BAS Should i feed out a batch of feeder pigs ?  
FEEDSILO BAS Calculates likely dairy feed in a silo given feed rate  
FEEDVALU BAS Given corn & sbm values, what's a feed worth ?  
MENU BAS Menu program for basic pgms on this disk  
PEARSON BAS Balances 1 ration nutrient from 2 feed sources  
READ BAT Batch file to provide instructions for SCROLLCK.COM  
README DOC Author supplied documentation file  
RUN BAT Batch file requests date, loads basica & starts minn - aids  
SCROLLCK COM Scroll lock - control with shift keys  
SDIR COM 2 column directory  
SOWINDEX BAS Determines a sow index, relative to the group  
STEERBID BAS Calculates equivalent fob prices for fat steers at farm  
TIMEC COM Some kind of time display program ???  
ULOGO BAS University of minnesota logo - start here  
USERDOCS BAS Explains how to make hardcopy documentation of minnaids

<b>SIG/M</b>	<b>Volume 204</b>	<b>Forth-83 for CP/M 80 - Version 2.0</b>
	<b>-CATALOG.204</b>	contents of SIG/M Volume 204 released November 16, 1984
JOIN	.ACG	ACGNJ membership application
SIG-M	.LIB	donation form
SHOW	.COM	bidirectional pager for squeezed & unsqueezed files
USQ	.COM	unsqueeze squeeze files
CRC	.COM	checksum program - type 'CRC' to check disk

index	name	size	crc	description
204.01	F83 .COM	24K	09 33	compiled Forth
204.02	README .8Q	13K	DD E2	original F83 instructions
204.03	F83-FIXS.TQT	4K	52 E2	changes from F83 v 1.0
204.04	BASIC .BQK	5K	1B 94	BASIC compiler in F83
204.05	CLOCK .BQK	3K	0B C0	Source for a calendar example
204.06	CPU8080 .BQK	10K	08 B1	8080 dependent code
204.07	EXPAND80.BQK	3K	AE E5	original source to EXPAND.HUF
204.08	EXTEND80.BQK	9K	ED D0	extensions source
204.09	HUFFMAN .BQK	13K	25 1A	compression program
204.10	KERNEL80.BQK	63K	B8 75	kernel source
204.11	META80 .BQK	13K	6E D8	metacompiler source
204.12	UTILITY .BQK	37K	4E 38	utility source

<b>SIG/M</b>	<b>Volume 209</b>	<b>Programs from Thousand Oaks Bulletin Board</b>		
	<b>-CATALOG.209</b>	contents of SIG/M Volume 209 released December 21, 1984		
JOIN	.ACG	ACGNJ membership form		
SIG-M	.LIB	donation form		
CRC	.COM	checksum program - type 'CRC' to check disk		
USQ	.COM	unsqueeze squeeze files		
DELBR	.COM	to extract .LBR files type DELBR filename		
index	name	size	crc	description
209.01	COBOL .LBR	75K	D0 DE	cobol - unchecked but worth trying
209.02	ERAQ16 .LBR	12K	E6 3C	updated query erase
209.03	FXCHAR .LBR	50K	26 9D	creates character sets for Epson FX
209.04	HEADER6 .BAS	10K	59 EC	prints a LARGE heading - neat!
209.05	MEGAN3 .LBR	31K	31 C7	space game
209.06	NSWP207 .LBR	13K	6C C5	much improved update to SWEEP
209.07	TYPEL34A.LBR	18K	5B BB	updated TYPEL

Copyright (c) 1984 by Sig/M-Amateur Computer Group of New Jersey Inc.  
P.O. Box 97, Iselin, NJ 08830 USA

SIG-M      Volume 210      CP-M 86 Utilities

-CATALOG.210      contents of SIG-M Volume 210  
released      January 18, 1985

LBR-CARD.210      listing of .LBR components

JOIN	.ACG	ACGNJ membership form
SIG-M	.LIB	donation form
CRC	.COM	checksum program - type 'CRC' to check disk
CRC	.CMD	CP-M 86 version
USQ	.COM	unsqueeze squeezed files
USQ	.CMD	CP-M 86 version
DELBR	.COM	to extract .LBR files type DELBR filename
LU86	.CMD	menu driven CP-M 86 .LBR utility

index	name		size	crc	description
210.01	BLIST	.LBR	16K	AE OC	multiple file printer
210.02	CLC1B86	.LBR	3K	D6 DF	CB86 command line interpreter
210.03	CRC	.CMD	4K	10 E5	CRC checker in CP-M 86
210.04	CRC-64	.AQ6	19K	60 9A	/
210.05	CRC68K	.LBR	16K	78 A7	CRC checker in CP-M 68K
210.06	CRCBUILD	.LBR	35K	F4 D1	builds catalog files - CP/M 80 & 86
210.07	PUT	.AQ6	14K	A9 E0	copies files between user areas
210.08	PUT	.CMD	3K	15 C7	/
210.09	SQ183	.CMD	17K	DF 8D	CP-M 86 file squeezer
210.10	TAB86	.LBR	27K	C4 4B	creates tabs in code
210.11	UNTAB86	.LBR	26K	BC 9B	removes tabs from code
210.12	USQ	.CMD	3K	EB 7C	CP-M 86 file usqueezer

SIG-M	Volume 212	CP-M Plus Utilities and Misc. Routines
	-CATALOG.212	contents of SIG-M Volume 212 released January 18, 1985
	LBR-CARD.212	listing of .LBR components
JOIN	.ACG	ACGNJ membership form
SIG-M	.LIB	donation form
CRC	.COM	checksum program - type 'CRC' to check disk
USQ	.COM	unsqueeze squeezed files
DELBR	.COM	to extract .LBR files type DELBR filename
index	name	size    crc    description
212.01	CHIS16 .CQ	5K    C6 AB Chi-square calculation in C
212.02	CPM2+- .LBR	5K    2A 8D Allows 2.2 routines to run under CPM+
212.03	CPM3-CAT.LBR	6K    02 0C CP-M Plus catalog program
212.04	CPM3LIB .LBR	8K    0B D3 CP-M Plus subroutine library
212.05	CURLY .LBR	7K    60 1C checks braces in C programs
212.06	DAY5 .CQ	2K    A4 9E changes 01/18/85 to 1.18.1985
212.07	FIND+2 .LBR	16K    61 8D updates FIND
212.08	KPROFMT .LBR	59K    5D 19 multidisk formats for Kaypro 2,4 & 10
212.09	QS-CPM3 .LBR	4K    CA 7C resets disk attributes in CP-M Plus
212.10	RDMSDOS .LBR	35K    49 96 reads MSDOS disks in CP-M - maybe ?
212.11	SUPERZAP.LBR	13K    96 05 Z80 disk utility similar to DU
212.12	UNERA+ .LBR	16K    FA 96 UNERASE in CP-M Plus
212.13	YAM .H	9K    AC 6A file missing from SIG-M 183

SIG-M      Volume 213      Regular Expression Compiler (REC) (Volume 1 of 2)  
                          8080 Floating Point, 8086 w/o Floating Point Math

                          Universidad Autonoma de Puebla, Mexico

-CATALOG.213    contents of SIG-M Volume 213  
                          released January 18, 1985

LBR-CARD.213    listing of .LBR components

CRC        .COM    checksum program - type 'CRC' to check disk  
CRC        .CMD    CP-M 86 version

\*\*\* N O T E \*\*\*

To extract library files and use them - you must have LU.COM  
or DELBR.COM and USQ.COM for CP-M 80 or LU86.CMD and USQ.CMD  
for CP-M 86.

index	name	size	crc	description
213.01	REC80F .LBR	137K	E3 FB	8080 REC with floating point math
213.02	REC86 .LBR	94K	D1 89	8086 REC w/o floating point math

NOTICE: This disk contains copyright material and distribution is  
authorized only for non-commercial purposes.

SIG-M      Volume 214      Regular Expression Compiler (REC) (Vol 2 of 2)  
                          8086 Floating Point, 8080 w/o Floating Point Math

                          Universidad Autonoma de Puebla, Mexico

-CATALOG.214    contents of SIG-M Volume 214  
                          released January 18, 1985

LBR-CARD.214    listing of .LBR components

CRC        .COM    checksum program - type 'CRC' to check disk

\*\*\* N O T E \*\*\*

To extract library files and use them - you must have LU.COM  
or DELBR.COM and USQ.COM for CP-M 80 or LU86.CMD and USQ.CMD  
for CP-M 86. TO check crc under CP-M 86 use CRC.CMD on Vol 213.

index	name	size	crc	description
-------	------	------	-----	-------------

214.01	REC80 .LBR	112K	FB 88	8080 REC w/o floating point
214.02	REC86F .LBR	120K	6A FA	8086 REC with floating point.

# Medlemsliste

02 26 07 90	Preben Aabaand; Møllebakken 22; 3400 Hillerød
04 13 16 37	Steinar Aasbø; Strengereid; 4810 Eydehavn; Norge
01 35 44 66	ABC-Grafik Aps; Att. Arne Christensen Fuglevangsvej 13; 1962 København V
	Abraxas Dataselskab Aps; Att. Mads Olsen Mølleåparken 13; 2800 Lyngby
	Amtscentralen; Att. Per Kristensen; Jespersvej 3400 Hillerød
02 87 74 97	Anders Kristian Andersen; Durosvej 3, St. Tv. 2800 Lyngby
03 95 88 47	Carsten Ager Andersen; Kommandanthøjen 1, St. mf. 3700 Rønne
01 13 88 26	Frank Andersen; Vendersgade 18, 4. Th. 1363 København K
09 97 58 00	Hans G. Andersen; Fyrrehøjen 29; 5330 Munkebo
02 84 38 51	Leif N. Andersen; Topasvej 10; 2730 Herlev
01 26 97 54	Niels Andersen; Blegdamsvej 114A, 4. Th. 2100 København Ø
02 65 72 93	Ole S. Andersen; Øbakkevej 3; 2750 Ballerup
02 30 69 13	Donald Axel; Saxenkolvej 20; 3210 Vejby
03 42 42 65	Ib Baagøe; Kollekollevej 20; 4572 Nørre Asminderup
08 18 74 05	Mogens Bendsen; Provstejorden 24; 9000 Ålborg Beta Computer Systems; Att. S. Mattane Fricksvej 40; 8600 Silkeborg
02 98 86 98	Leo Bidstrup; Stengårds alle 138; 2800 Lyngby
01 53 07 10	Poul Bigum; Ved Hegnet 3; 2100 København Ø
01 13 28 76	Ulrich Birch; Tjørneengen 2; 2791 Dragør Mats Blomberg; Toldbodgade 18, 3. Tv. 1253 København K
01 34 63 46	Ole Brandt; Philip Schousvej 7; 2000 Frederiksberg
02 81 45 17	Ole Buus; Brandts Vænge 12; 3460 Birkerød
02 28 45 02	Benny N. Christensen; Kronprinsensvej 9 3480 Fredensborg
03 51 22 43	Per Christensen; Poulas Alle 22; 4400 Kalundborg Stig Christensen; Næstvedvej 289; Høm 4100 Ringsted
05 56 43 28	Christian Christiansen; Ahornvænget 5; Taulov 7000 Fredericia
03 46 53 42	Jens Christiansen; Solholmsvej 5A; 4520 Svinninge
02 66 12 53	N. H. Christiansen; Jordbærvangen 2; 2760 Måløv
07 85 51 05	Th. Christoffersen; Elmevej 4, L 17; 7600 Struer
03 72 48 12	Claus S. Clausen; Frihedsvej 25; 4700 Næstved
02 81 61 96	Erik Clausen; Rønnebærstien 3; 3460 Birkerød Niels Dalgaard; Horsekildevej 13, 4. D3; 2500 Valby Christian Dalsgaard; Studsgaardsgade 44 2100 København Ø
03 66 20 20	Danbit A/S; Att. Gunnar Hansen; Værkstedsvej 41 4600 Køge
07 22 36 55	Tage Danielsen; Sulstedvej 72; 9430 Vadum Dansk EDB Teknik; Att. Jan Jacobsen; Taksvej 9 7400 Herning V

06 47 47 43 Danvitek; Att. Viggo Jørgensen; Alsagervej 20  
8983 Gjerlev J  
02 63 18 88 Delta Software A/S; Att. Niels Holmsteen  
Herstedvang 10; 2620 Albertslund  
01 28 02 93 Tommy Desting; Sandbygårdsvæj 13, 1. Th.  
2700 Brønshøj  
07 72 43 89 Jens Peter Diget; Bellisvej 10; 7900 Nykøbing Mors  
01 14 04 00 DSB, EDB-Tjenesten; Att. Erik Vang Nielsen  
Kalvebodbrygge 30, 4.; 1560 København V  
05 91 11 11 Danline; Att. Peder Bennedsen; Nørre Alle 11  
7000 Fredericia  
05 65 03 83 Jens Døssing; Ternevej 11; Ny Sebberup  
8723 Lønsning  
Jørgen Døssing; Vesterbrogade 100 A, 2. Tv.  
1620 København V  
03 82 07 64 Echo Data; Att. Bent Nielsen; Nattergalevej 5; Ejby  
4623 Ll. Skensved  
01 71 98 48 Per Eegehauge; Arnestedet 17; 2720 Vanløse  
01 28 22 62 Kell Emme; Sandbygårdvej 25, 2. Th.; 2700 Brønshøj  
ES-Data; Att. E. Sjørlund; Åmosevej 130  
4440 Mørkøv  
02 68 19 12 Kim Weber Estrup; Pærevangen 24; 2765 Smørum  
03 51 50 67 Severin Fabrin; Strandbakken 146; 4400 Kalundborg  
Lars Frederiksen; Frihedsvej 25A; 6700 Esbjerg  
Mogens Førby; Kohavevej 35; 5762 V. Skerninge  
Jørgen Gad; Stenholtsvænget 8; 3400 Hillerød  
Roland Geerthsen; Dybølsgade 68, 1. Th.  
1721 København V  
01 28 26 57 Christian Glinnum; Degnemose Alle 18; 2700 Brønshøj  
01 81 97 07 Lars Godtfredsen; Aldersrogade 54, 3. Th.  
2200 København N  
Erik Godtfredsen; Skovvænget 26; 4600 Køge  
06 32 56 57 Grenå Ungdomsskole; Att. Lasse Rosen; Høgevej 12  
8500 Grenå  
01 23 92 36 Lars Gråbæk; Esbern Snare's Gade 6; 1725 København V  
04 54 97 36 Arild Gundersen; Roaldsø; 4084 Roaldsø; Norge  
03 14 03 64 Hans Henrik Haastrup; Østre Frihedsvej 6  
2680 Solrød Strand  
02 93 08 77 Quang Han; Hollandsvej 14; 2800 Lyngby  
06 48 50 54 Aksel Hansen; Nydamsvej 35; Udby; 8950 Ørsted  
09 61 88 86 Anders Hansen; Nyborgvej 45; 5600 Fåborg  
02 73 28 23 Fleming B. Hansen; Spindestræde 57; 2635 Ishøj  
02 27 69 09 Gert Hansen; Østervang 32; Blovstrød; 3450 Allerød  
01 55 74 62 Ib Hansen; Iranvej 5; 2300 København S  
06 22 71 93 Ivan Kruse Hansen; Brombærhaven 20; 8520 Lystrup  
01 70 98 07 Jan Hansen; Tårnvej 84, St. Tv.; 2610 Rødovre  
01 87 86 69 Jimmy Hansen; Lollandsvej 25, 4. Tv  
2000 Frederiksberg  
Michael Rind Hansen; Trekronergade 3A; 2500 Valby  
Viggo Harding; Fruervej 16; Box 13; 4621 Gadstrup  
Hans Henriksen; Hummeltoftevej 82A; 2830 Virum  
Ib Holdgaard; Lathyrusvej 4; 3650 Ølstykke

01 17 57 16 Preben Holm; Normasvej 25; 2000 Frederiksberg  
 05 14 32 56 Karsten Hunger; Egelunden 11, 3. Tv.  
                   6705 Esbjerg Ø  
 04 42 47 44 Håndværkerskolen; Att. Bent Bertelsen  
                   Grundvigs Alle 88; 6400 Sønderborg  
 02 27 12 32 IKO Gruppen A/S; Att. Regnskabsafdelingen  
                   Blovstrød Center; 3450 Allerød  
 Kurt Ipsen; Højgårdstoften 292; 2630 Tåstrup  
 Henrik Iversen; Slotsalle 7, St.; 6000 Kolding  
 Gert Jacobsen; Slotsgade 39A; 6200 Aabenraa  
 Kim Jacobsen; Ramundsvej 9; 2300 København S  
 William Skjernaa Jacobsen; Gribskovvænget 11  
                   Gadevang; 3400 Hillerød  
 Niels Jalling; Folkets Alle 14; 2000 Frederiksberg  
 Bent Jensen; Kirkebyvej 22; 2740 Skovlunde  
 Gert Jensen; Busbjergvej 20; 8850 Bjerringbro  
 Henrik K. Jensen; Markskellet 6, St. Tv.  
                   2720 Vanløse  
 05 27 20 70 Jan Lind Jensen; Dalgårdsvej 26; 6840 Oksbøl  
 01 22 88 73 Jan Ulrich Jensen; Rektorparken 1, Vær. 531  
                   2450 København SV  
 01 19 76 61 Jens K. Jensen; Bernhard Bangs Alle 13, 5. Tv.  
                   2000 Frederiksberg  
 09 31 71 77 Jørgen Lundkær Jensen; Gudrunvej 5; 5800 Nyborg  
 Michael Jensen; Nørretorv 51, St.; 4100 Ringsted  
 Palle Mørch Jensen; Buddingevej 260D, St.  
                   2860 Søborg  
 08 64 12 62 Peter Bystrup Jensen; Højtoften 23; 9620 Aalestrup  
 02 94 52 24 Søren Riber Jensen; Kølegårdsvej 5; 2730 Herlev  
 01 20 28 71 Vagn Bjørne Jensen; Bellmansgade 44, 2. TV  
                   2100 København Ø  
 Kim Klarskov Jeppesen; Røsevangen 1; 3520 Farum  
 Thomas Johansen; Skrænten 8; Gadevang  
                   3400 Hillerød  
 02 16 34 94 Johan Johansen; Jernalderen 40; 2640 Hedehusene  
 06 25 40 12 Stig Jonassen; Chr. Winthersvej 38; 8230 ?byhøj  
 02 25 26 64 Visti Juncher; Rolighedsvej 6; 3400 Hillerød  
 01 22 57 58 Leif Just; Bulowsvej 11, 1. Th.; 1870 Frederiksberg  
 02 95 32 01 Viggo Jørgensen; Fensmarks Alle 6; 3520 Farum  
 02 17 22 60 Flemming Jørgensen; Skovkrogen 11; 3660 Stenløse  
 02 87 44 96 Mogens Jørgensen; Toftebæksvej 47, 2. Tv.  
                   2800 Lyngby  
 02 81 09 88 Lars Kampmann; Bregnerødvej 72; 3460 Birkerød  
 Erik Karlsson; c/o Andersen  
                   Martensens Alle 8, 4. Tv.; 1828 Frederiksberg C  
 Peter Kellstrup; Årtevej 5, 3. Mf.; 2700 Brønshøj  
 Lars Kinger; Bavnestedet 43; 3500 Værløse  
 Leif Kjøller; Lyngborghave 48; 3460 Birkerød  
 Ulrich Kresse; Grønlandsfly No 26; BOX 1012  
                   3900 Godthåb; Grønland  
 Andreas Kristensen; Bøgevej 42D; 7470 Karup  
 Søren Kristensen; Krageskovbakken 6; 4600 Køge

02 16 15 50      Ole Munch Kristiansen; Jasminvej 9; Fløng  
                   2640 Hedehusene  
 02 97 38 38      Mogens Kruse; Digterparken 68; 2750 Ballerup  
 01 19 38 33      Anders Larsen; Postbox 80; 2000 Frederiksberg  
 02 66 11 27      CSL Data; Att. Carl Skovgaard Larsen  
                   Pærevangen 19, 1. Th.; 2765 Smørum  
 02 25 35 41      Christian Larsen; Harløsevej 5; 3400 Hillerød  
 02 66 02 53      Johnny Rose Larsen; Åblevangelen 53; 2765 Smørum  
 09 97 62 83      Lars Peter Larsen; Solbakken 231, 1. Th.  
                   5330 Munkebo  
  
 02 25 50 50      Bjarne Lassen; Birgittevej 16; 4700 Næstved  
                   Henrik Sass Lauritsen; Hestehavevej 21  
                   3400 Hillerød  
  
 02 61 08 80      Torben Laursen; Gadesvinget 28; 2670 Greve Strand  
 01 41 58 38      Henning Liljendahl; Nørupvej 1; 2610 Rødovre  
 02 42 07 21      Ole Lindberg; Vejlemosevej 30; 2840 Holte  
 01 65 45 55      Carsten Linde; Dyssebakken 20; 2900 Hellerup  
 02 81 17 01      Erik Lohse; Kajerød Have 103; 3460 Birkerød  
 01 60 23 15      Hans Lund; Engsvinget 27; 2400 København NV  
 02 83 06 45      Lars L. Lundgren; Parcelsej 139A; 2830 Virum  
 01 37 10 95      Kim Lykkegaard; Meinungsgade 12, 1. Tv.  
                   2200 København N  
  
 03 74 27 23      Sten Lærke; Ellegårdsvænge 7; 2820 Gentofte  
 02 38 40 70      Egon Madsen; Mikkelhøj 41; 4736 Karrebæksminde  
 02 13 05 56      Hardy Madsen; Bøgen 2; Svogerslev; 4000 Roskilde  
 01 21 64 35      Steen Madsen; Råmosevej 27; 4040 Jyllinge  
                   Svend Mailand; Borgbjergsvej 46, St. Tv.  
                   2450 København SV  
  
 01 56 12 66      Louis Markwardt; Holmevej 48; 2860 Søborg  
 02 18 48 32      Erk Martinsen; Højstedgårdsvej 12; Slagslunde  
                   3660 Stenløse  
  
 01 62 98 73      Francoise B. Mas; Frederikkevej 2, 1. Tv.  
                   2900 Hellerup  
  
 06 37 23 73      Per Melsvik; Overgårdsvej 5B; 8410 Rønde  
  
 01 79 11 68      Tage Micheelsen; Slotsherrenvej 48, 2.  
                   2720 Vanløse  
  
                   Uno Michelsen; Oehlenslægersgade 23, 5. Tv.  
                   1663 København V  
  
 02 88 09 02      Kurt Mielke; Haraldslundsvej 38, V88; 2800 Lyngby  
 05 83 95 68      Ole E. Mikkelsen; Hasselvænget 9, 3. Tv; 7100 Vejle  
 01 68 15 69      Michael Moldam; På Højden 6; 2900 Hellerup  
 01 57 18 92      Mikkel Moulvad; Sofiegade 24, St.; 1418 København K  
 01 69 76 54      Jacob Müller; Kildebakkegårds Alle 33; 2860 Søborg  
 02 36 64 30      Anders Møller; Borgerdiget 12; 4000 Roskilde  
                   Leif Möller; Fryndeshave 2; Fynshav  
                   6440 Augustenborg  
  
 02 13 84 67      Leif Neland; Herreds fogedvej 29; 4000 Roskilde  
 01 51 50 36      Jørgen Nielsen; Amager Landevej 140; 2770 Kastrup  
 04 54 45 86      Bjarne Chr. Nielsen; Egegårdsvej 2; 6541 Bevtoft  
 01 50 11 23      Brian Nielsen; Pyrus Alle 5; 2770 Kastrup  
 08 33 13 45      Gorm Nielsen; Landmandsgade 2; Nr. Kongslev  
                   9293 Kongerslev

03 50 86 66 Ib Nielsen; Sct. Jørgensbjerg 3; 4400 Kalundborg  
 01 51 32 62 John Nielsen; Glamsbjergvej 3B, 1. Tv.  
     2770 Kastrup  
 01 26 33 98 John Nielsen; Zinnsgade 4; 2100 København Ø  
 02 65 15 43 Michael Nielsen; Ledøje Bygade 44; 2765 Smørup  
 02 81 51 99 Mogens Nielsen; Sjælsøvej 17; 3460 Birkerød  
 01 16 80 23 Niels Erik M. Nielsen; Valby Langgade 136, 2. Tv.  
     2500 Valby  
     Niels Henrik Nielsen; Lyngbyvej 32A, 2. Th.  
     2100 København Ø  
 02 31 22 02 Per Nielsen; Lerager 24; 3600 Frederikssund  
 02 81 72 98 Vagn Nielsen; Lyngborghave 26, 2. Th.  
     3460 Birkerød  
     Nuuk Lokalreklame; Att. Anders Nilsson; Box 301  
     3900 Nuuk; Grønland  
 02 52 21 24 Jesper Nygaard; Femkanten G 8; 2630 Tåstrup  
 03 84 41 38 Næsgaards Agerbrugsskole; Att. Poul Lilliegreen  
     Bringerevej 2; 4850 Stubbekøbing  
 01 35 45 75 Bo Nørbæk; Nørre Alle 75, V 857; 2100 København Ø  
 03 72 78 34 Kenn Nørreteris; Figenvej 154; 4700 Næstved  
 01 69 15 43 Lars Olesen; Tolstojs Alle 10, St. Th.; 2860 Søborg  
 01 35 17 88 Kemisk Institut; Att. Carl Erik Olsen  
     Thorvaldsensvej 40; 1871 Frederiksberg C  
 02 94 98 20 Leif Olsen; Kilstestrædet 46; 2740 Skovlunde  
 01 59 74 91 Allan Rex Pedersen; Korfuvej 7, 2. Th.  
     2300 København S  
 02 94 83 20 Jørgen W. Pedersen; Randvolden 34; 2730 Herlev  
 07 93 65 05 Knud Søgaard Pedersen; Harringhedevej 5  
     7752 Snedsted  
 08 13 31 02 Niels Pedersen; Dalgasgade 11; 9000 Ålborg  
 02 28 65 13 Werner Pedersen; Erantisvej 8; Tulstrup  
     3400 Hillerød  
 02 11 57 76 Henrik Persson; Niels Lorentzenvej 58; Blistrup  
     3230 Græsted  
 01 54 91 76 Jørgen Petersen; Sofiegade 24, 2.; 1418 København K  
 01 11 05 66 Plougmann & Vingtoft; Att. Jørgen Wiene Ovesen  
     Sankt Annæ Plads 11; 1250 København K  
 06 33 17 11 Morten Grosbøl Poulsen; Ålsrodevej 49; 8500 Grenå  
 01 74 73 73 Søren Poulsen; Grønnehøj 7; 2720 Vanløse  
 01 51 87 23 Steen Rahbek; Hesselvigvej 5; 2770 Kastrup  
 02 65 25 77 Bernt Rasmussen; Pærevangen 15, 1. Mf, lejl 19  
     2765 Smørup  
 02 57 01 16 Hasse Rasmussen; Vestre Pennehavevej 11  
     2960 Rungsted  
 01 11 31 43 Helge E. Rasmussen; Rømersgade 7A, 2. Th.  
     1362 København K.  
 01 67 53 60 Kaare Rasmussen; Lykkesborg Alle 26; 2860 Søborg  
 02 17 53 50 Ole Sebjerg Rasmussen; Rørsangervej 8  
     3650 Ølstykke  
 01 64 19 02 Per Rasmussen; Ellinorsvej 8; 2920 Charlottenslund  
     Peter Rasmussen; Strandengen 9; 4000 Roskilde

01 28 26 57	Søren Fribbins Ree; Degnemose Alle 18 2700 Brønshøj
02 85 83 49	Hans Rosentoft; Blåregnvænet 21; 2830 Virum
01 13 51 28	Det økonomiske Råd; Att. Richard Larsen Kampmannsgade 1; 1604 København V
	Sapcon Aps; Att. Albert Pedersen; Klirenvænet 50 2880 Bagsværd
01 29 18 17	SC Data Aps; Att. ; Sundkrogsgade 19 2100 København Ø
03 61 90 24	Jan Sepstrup; Torpetvej 39; 4100 Ringsted
01 47 47 46	Bjarne Skifte; Bryggerdammen 43; 2650 Hvidovre
09 38 31 38	Henning Skov; Grønnevangen 136; 5550 Langeskov
03 62 75 51	Skovbo Data Aps; Att. Per Andersen; Buen 30 4140 Borup
01 19 96 87	Gordon Sorber; Dalgas Boulevard 68, 1. Tv 2000 Frederiksberg F
	Dan I. Stadsing; Lyngbygårdsvæj 45, 2. Tv. 2800 Lyngby
	Asger Strøm; Keplersgade 12, 5. th. 2300 København S
	Jørgen Svendsen; Vinkelager 23, 3. Tv. 2720 Vanløse
02 23 50 32	Holger Søndergaard; Egegårdsvæj 8; 3060 Espergærde
02 48 26 42	Brian Sørensen; Toftebo 17, 2. Tv.; 3500 Værløse
03 65 92 11	T-J Elektronik; Att. Thorkild Jørgensen Parkvej 108, 2.; 4600 Køge
09 26 24 86	D. M. Thomas; Assensvej 142; 5771 Stenstrup
06 94 21 44	Bent Thorsted; Grønhøjvej 55; 8462 Harlev J
03 66 25 52	Jørgen Thuesen; Kirkestræde 33; 4600 Køge
03 67 44 58	Jørgen Hertz Thygesen; Scheelsvej 4; 4681 Herfølge
01 83 03 19	Peter Torp; Borgermestervangen 2, 4. Th. 2200 København N
01 87 80 85	Niels Veileborg; Finsensvej 11B, 2. 2000 København F
06 68 12 76	Vindum VVS; Att. Jørgen Steffansen; Vindumvej 64 Vindum; 8850 Bjerringbro
01 85 34 51	Poul Waltoft; Kronborggade 26, 4. Th. 2200 København N
02 97 74 63	Einar Wernersson; Studekrogen 14; 2750 Ballerup Mads Westermann; Sofiegade 2, 3. Tv. 1418 København K
07 22 27 55	Henrik Whalberg; Silkeborgvej 43D; 7400 Herning
01 26 51 49	Martin Zeuthen; Strandboulevarden 143 2100 København Ø
08 43 05 21	Sven Østergaard; Solvang 3; 9900 Frederikshavn

# Adresser

## SOFTWARE OG DISKETTER

Disketter samt CP/M-volumes bestilles ved CP/M-bibliotekaren. Husk ved bestilling af CP/M-volumes at oplyse om diskformat.

PC-volumes bestilles ved PC-bibliotekaren.

40 spor dobbeltsidet	pr 25 stk.	150,- kr.
40 spor dobbeltsidet, flere farver	pr 10 stk.	120,- kr.
Ved forsendelse pålægges ekspeditionsgebyr		20,- kr.
Volume fra biblioteket (excl. disk)	pr. 1 stk.	30,- kr.
Volume fra biblioteket (incl. disk)	pr. 1 stk	50,- kr.

## BESTYRELSEN

Formand:	Kasserer	Sekretær:
Mikkel Moulvad	Jørgen Petersen	Mogens Kruse
Sofiegade 24	Sofiegade 24, 2.	Digterparken 68
1418 København K	1418 København K	2750 Ballerup
Tlf. 01 57 18 92	Tlf. 01 54 91 76	Tlf. 02 97 38 38
(hverd. 17 - 19)	(man - tor: 20 - 21)	
Disketteredaktør:	Redaktør:	Mødearrangør:
Carl Skovgaard Larsen	Leif Olsen	Lars Gråbæk
Pærevangen 19, 1h	Kildestrædet 46	Esborn Snarens Gade 6
2765 Smørum	2740 Skovlunde	1725 København V
Tlf. 02 66 11 27	Tlf. 02 94 98 20	Tlf. 01 23 92 36
(hverd. 19 - 21)		

## Fælleskøb:

Tage Micheelsen  
Slotsherrensvej 48, 2  
2720 Vanløse  
Tlf. 01 79 11 68

PC-biblioteket	CP/M-biblioteket	BULLETIN BOARD
Svend Mailand	Jørgen Petersen	Tlf. 02 11 77 29
Borgbjergsvej 46, st tv	Sofiegade 24, 2	Åbent hele døgnet
2450 København SV	1418 København K	300, 1200/75, 1200,
Tlf. 01 21 64 35		2400 bits/sec, 8 bit,
(man - tor: 20 - 21)		1 stop, ingen paritet
Giro 7 49 91 40	Giro 5 68 65 12	

