

User's Newsletter

TI Issues Latest Comprehensive 99/4 Software Directory

The new Application Program Directory for the TI-99/4 accompanies this newsletter and lists the software packages currently available from TI and other companies. More than 180 packages are listed by application category, including education, entertainment, home management, and other applications. Information on each package includes the media, title, brief description, required or recommended peripherals, and suggested retail price for the Texas Instruments brand software.

Software packages are now

being produced in three media — *Solid State Software*[™] Command Modules, cassettes, and diskettes. Presently, over 70 software packages are available from Texas Instruments, and many more are being developed. Over 110 packages, covering a wide range of applications, have been produced by other companies. Ordering information has been included in the directory so that you can purchase these software packages directly from their producers.

New additions to the TI library of software packages include

those on Bridge Bidding II & III, Saturday Night Bingo, Checkbook Manager, Addition and Subtraction I, and additional packages in the Business Aids Library (Cash Management, Invoice Management, and Lease/Purchase Decisions).

As the number of software packages for the TI-99/4 increases, the Application Program Directory will be revised. To obtain the latest updates of the software listings, call toll-free 1-800-858-4565 (outside of Texas) or 1-800-692-4279 (within Texas).

The Newest in TI Software

Texas Instruments now adds two more software packages to the growing list of applications programs available for the TI-99/4.

Cash Management

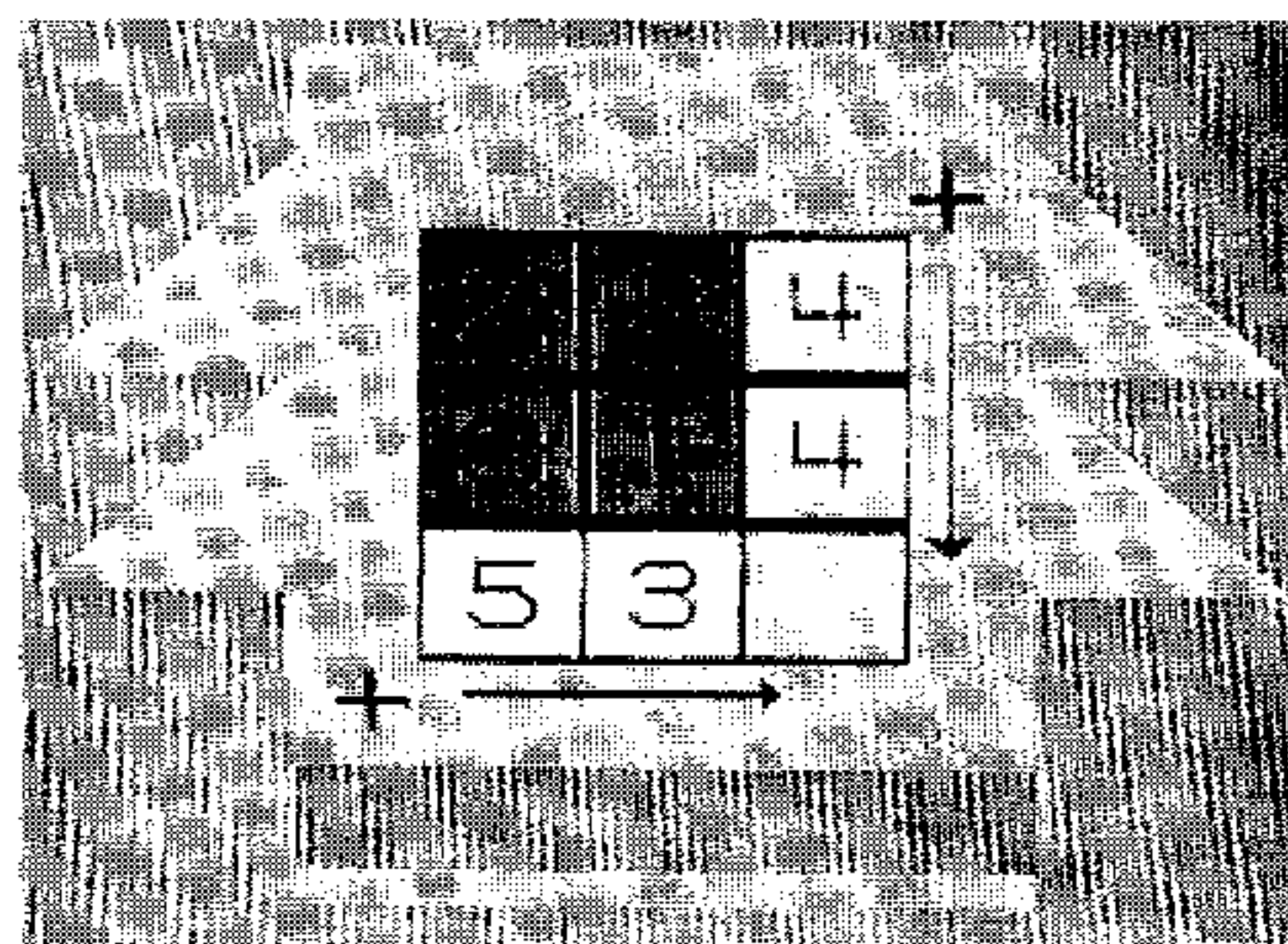
The Cash Management package (model number PHD 5029) provides a method of forecasting the amount of cash available to your company. By estimating your cash flow, you can make more knowledgeable managerial decisions. Up to six forecasts with up to 12 periods per forecast can be projected at any one time. Beginning and ending balances are maintained in each period for cash, receivables, investments, payables, and inventory. If a printer is attached, you may print any portion of a forecast.

The suggested retail price of Cash Management is \$39.95. Available in diskette only, it requires the TI Disk Memory System (TI Disk Drive Controller and TI Disk Memory Drive) and the TI Extended BASIC Command Module.

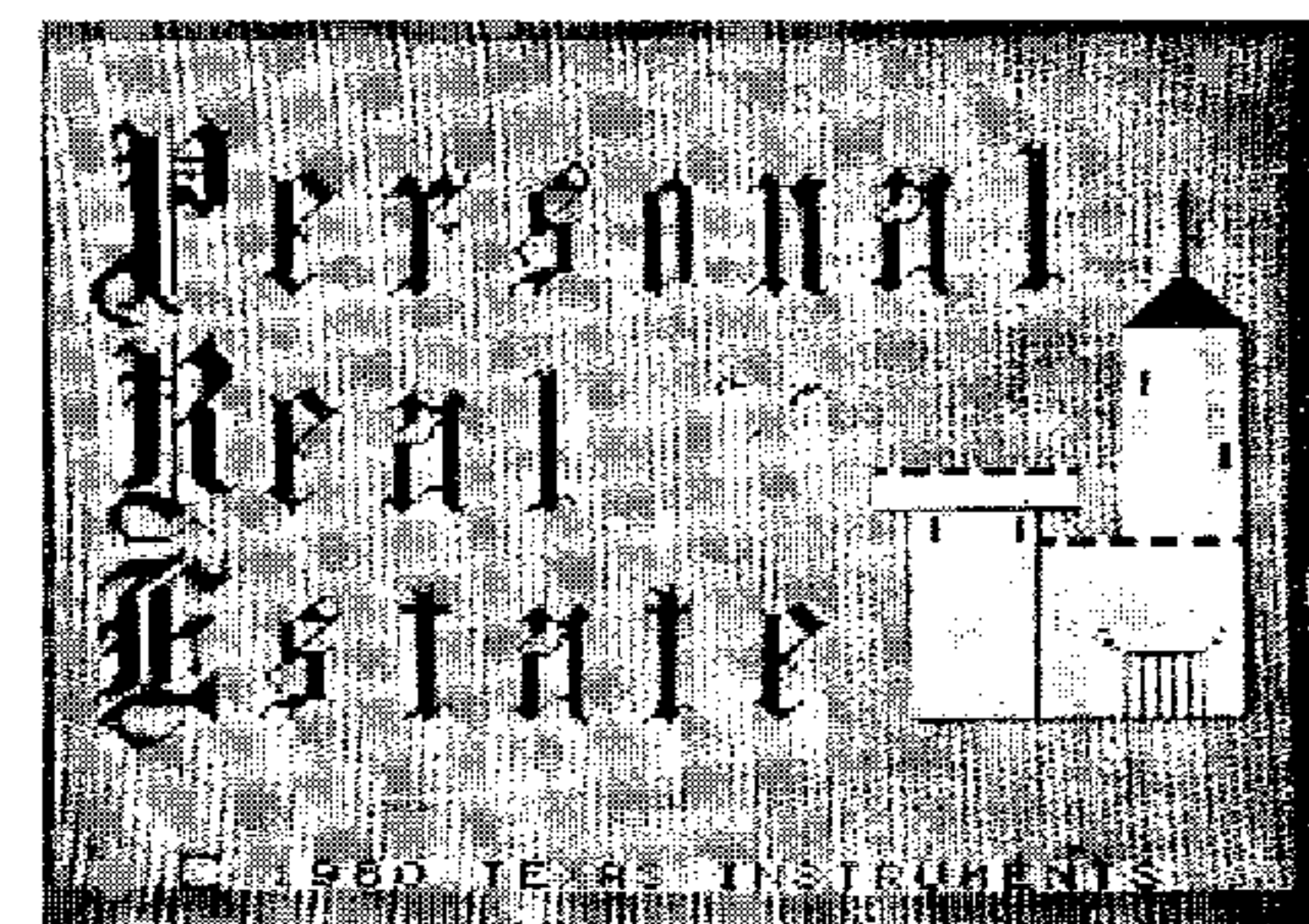
Addition and Subtraction 1

This is the initial module in a series developed in conjunction with Scott, Foresman and Company, a leading publisher of educational textbooks. Geared for grade level 1, the program teaches basic arithmetic skills and provides drills for reinforcement.

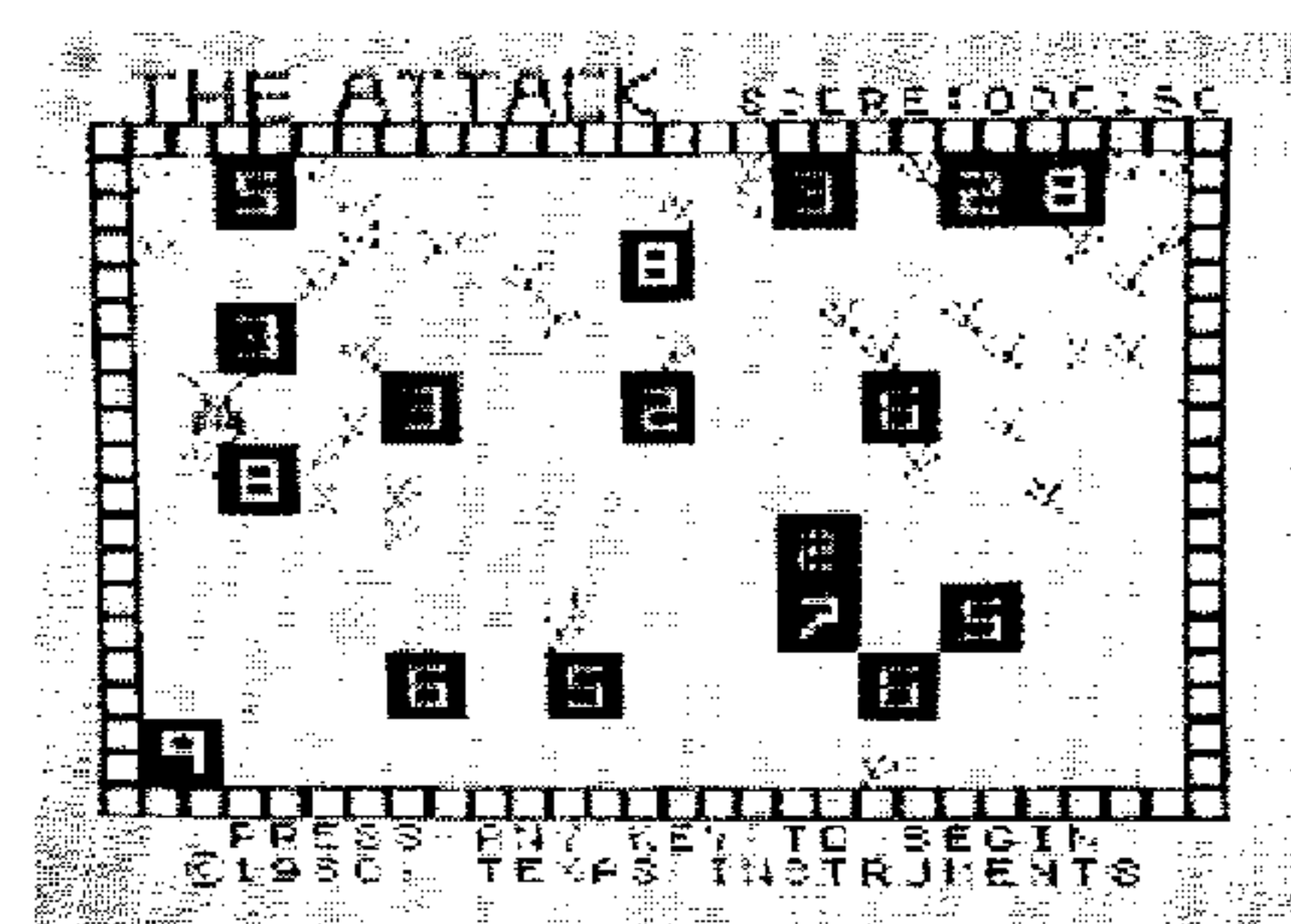
The suggested retail price for Addition and Subtraction 1 (model number PHM 3027) is \$39.95. The TI *Solid State Speech*[™] Synthesizer is optional.



TI's Addition and Subtraction 1 package makes learning facts for numbers zero through nine fun and challenging.



TI's Personal Real Estate package lets you evaluate many alternative personal real estate investments.



TI's newest entertainment package, The Attack*, challenges you to successfully attack an onslaught of aliens.

* A trademark of Milton Bradley Co.

YOUTH EDUCATION SOFTWARE

	SPELL	READ	MATH	WRITE	SCIENCE	SOCL STDS	PROB SOLV	MUSIC	COMP LIT	MEDIA	SOURCE
HANGMAN	X									CM	TI
HANGMAN	X									C	LARRY HALL
HANGMAN	X									D/C	USERS GROUP
SPEAK & SPELL	X									D	TI
MATCHEM I	X	X	X							D/C	MICROCOMPUTERS
MATCHEM II	X	X	X							D/C	MICROCOMPUTERS
SPELL	X									D/C	USERS GROUP
RACING LETTERS	X									D/C	MICROCOMPUTERS
ALPHA	X	X								D/C	USERS GROUP
SCRAMBLED LETTERS	X									C	LARRY HALL
GRADE 2 SPELLING	X									D	MICRO-ED
GRADE 3 SPELLING	X									D	MICRO-ED
GRADE 4 SPELLING	X									D	MICRO-ED
GRADE 5 SPELLING	X									D	MICRO-ED
GRADE 6 SPELLING	X									D	MICRO-ED
IDENTIFYING											
SENTENCES		X								D	MICRO-ED
BEGINNING GRAMMAR		X								CM	TI
EARLY READING		X								CM	TI-SCOTT FORESMAN
JOTTO		X								D/C	MICROCOMPUTERS
VOCABULARY TEST		X								D/C	USERS GROUP
WORDTOTAL		X								D/C	USERS GROUP
ALL STAR BASEBALL		X	X							C	EHNINGER ASSOC.
ANTONYM MACHINE		X								D	MICRO-ED
HOMONYM MACHINE		X								D	MICRO-ED
THE VERB		X								D	MICRO-ED
EARLY LEARNING FUN			X				X			CM	TI
NUMBER MAGIC			X							CM	TI
ADDITION			X							D/C	MICROCOMPUTERS
SUBTRACTION			X							D/C	MICROCOMPUTERS
MULTIPLICATION			X							D/C	MICROCOMPUTERS
DIVISION			X							D/C	MICROCOMPUTERS
SIGMA			X							D/C	USERS GROUP
ADDITION TEST			X							D/C	USERS GROUP
MATH TEST											
(W/ SPEECH)			X							D/C	USERS GROUP
MATH TEST											
(W/O SPEECH)			X							D/C	USERS GROUP
FILE			X							D/C	USERS GROUP
TRIANGLE			X							D/C	USERS GROUP
ADDITION &											
SUBTRACTION I			X							CM	TI-SCOTT FORESMAN
FRACTIONS			X							D/C	USERS GROUP
COLOR MATH			X							D/C	USERS GROUP
TIME & SPEED			X							D/C	USERS GROUP
LEAST SQUARE			X							D/C	USERS GROUP
HIDDEN NUMBERS			X							C	LARRY HALL
CHALLENGE I			X							C	EHNINGER ASSOC.
COUNT 'EM			X							D	MICRO-ED
BAR GRAPH			X							D	MICRO-ED
MAKING AN OUTLINE				X						D	MICRO-ED
TENSE				X						D/C	USERS GROUP
CLOCK					X					D/C	USERS GROUP
TIME CLOCK					X					D/C	USERS GROUP
RESISTOR TEST					X					D/C	USERS GROUP
MORSE CODE					X					D/C	USERS GROUP
FLAGS								X		D/C	USERS GROUP
DR. NUTTIER								X		D	EHNINGER ASSOC.
PRESIDENTS								X		D/C	USERS GROUP
PRECIOUS METALS											
CONVERSION								X		D/C	USERS GROUP
HUNT THE WUMPUS								X		CM	TI
POW-WOW								X		D/C	MICROCOMPUTERS
I-Q BUILDER 1								X		C	PROGRAM DESIGN
I-Q BUILDER 2								X		C	PROGRAM DESIGN
CODE BREAKERS								X		C	PROGRAM DESIGN
MATCH UP								X		D/C	USERS GROUP
TRAIL WEST								X		D	MICRO-ED
DIRECTION &											
DISTANCE								X		D	MICRO-ED
CLOCK								X		D	MICRO-ED
HAT IN THE RING								X		D	MICRO-ED
COMPUTER MUSIC											
BOX										X	TI
MUSIC SKILLS											
TRAINER										X	TI
MUSIC MAKER										CM	USERS GROUP
MUSICAL KEY										X	TI
MUSICAL SCALES										X	USERS GROUP
TEACH YOURSELF											
BASIC									X	D/C	TI
TEACH YOURSELF											
EXTENDED BASIC									X	D/C	TI

MEDIA: D = Diskette, C = Cassette, CM = Command Module

Ehninger Associates, Inc.
408 Flaxseed Lane
Ft. Worth, TX 76108
(817) 246-6436

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Random Bits

Editor's Note: This column presents suggestions and ideas for using the TI-99/4 Personal Computer and its accessories. We would like to publish your programming problems, solutions, and ideas. Send letters to:

Personal Computer Newsletter
Texas Instruments Incorporated
P.O. Box 53
Lubbock, TX 79408
Attn: Editor

Incorrect Version of Checkbook Manager

An incorrect version of the new diskette program, Checkbook Manager (model number PHD 5021), was released to production and shipped to some dealers. An exchange service has been set up with our Customer Relations Department for customers to obtain the correct version. In order to see which version of the program you have, load the Checkbook program, and then LIST the program. If the first line of the program has the date 01/07 in it, you have the incorrect version and should send it back to exchange for the correct version. Send your Checkbook Manager diskette to:

Consumer Relations
Attn: Special Handling
Coordinator
Texas Instruments Incorporated
P.O. Box 53
Lubbock, Texas 79408

Preserving Values between Programs

Two techniques to preserve the values of variables from one program to another program are the following:

1. Copy the values of the variables into a file and then chain to the next program. After the second program is in memory, it can read these values out of the file.
2. Before you call the second program, display the values of the variables on the screen, using PRINT, DISPLAY AT, or CALL HCHAR. You can specify the same foreground and background color to make them invisible. After the second program is in memory, it can read the values from the screen with the CALL HCHAR subprogram.

Converting Large BASIC Programs

Problems transferring large BASIC programs?

Large program files that have been created in TI BASIC may not load into Extended BASIC by using the OLD statement, even if the Memory Expansion unit is attached.

This is due to the fact that:

1. A larger amount of Video Display Processor (VDP) RAM is available when using console BASIC than when using Extended BASIC.
2. Console BASIC programs are stored in program file format

whereas Extended BASIC saves files in a sequential file format, if the program size exceeds the VDP RAM space.

3. All files in program file formats MUST be loaded into VDP RAM before being transferred into the Memory Expansion unit.

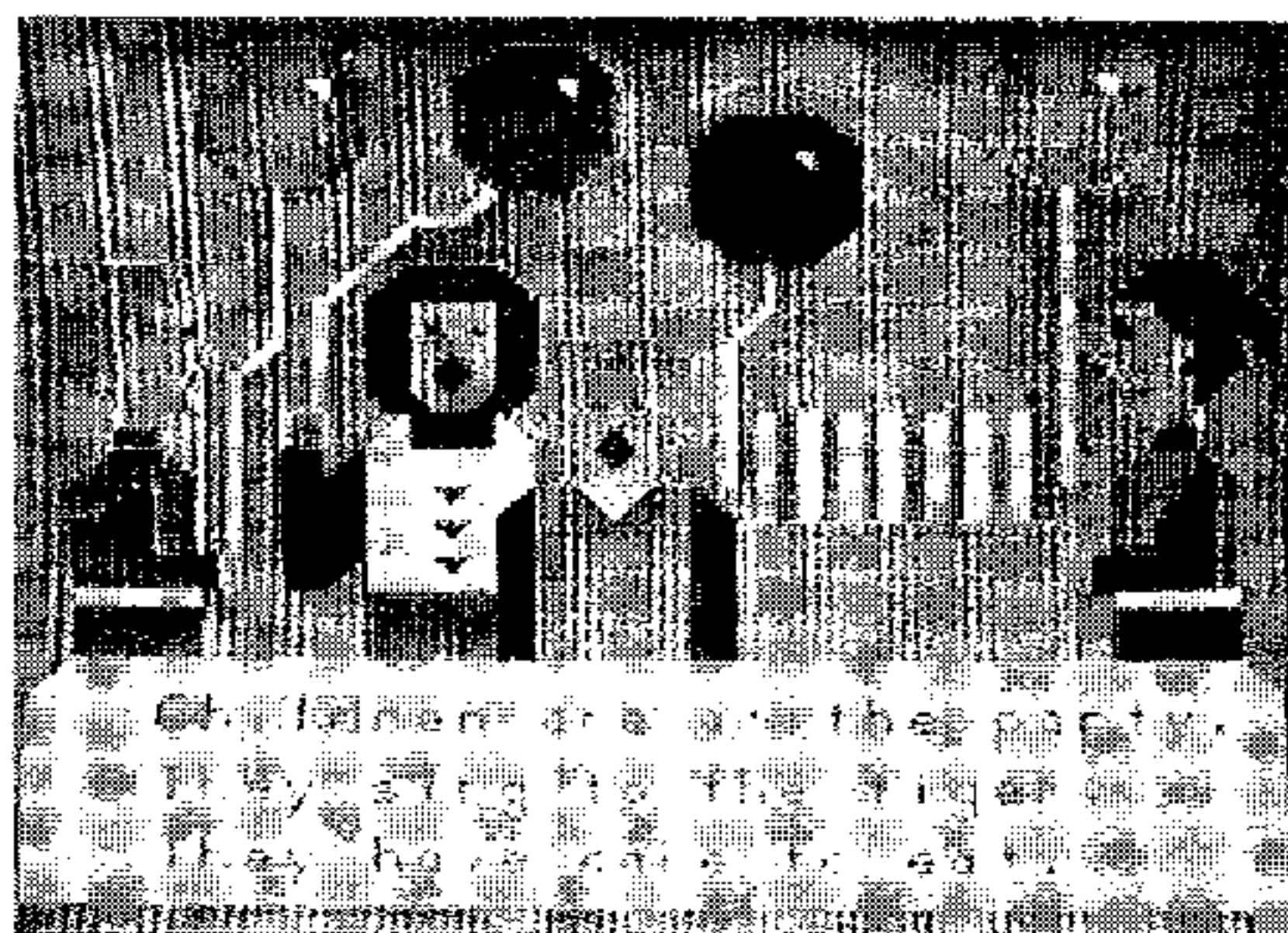
If you do not modify your file, the disk device service routine will lock up the system and memory contents are lost.

If you have Memory Expansion, we suggest the following:

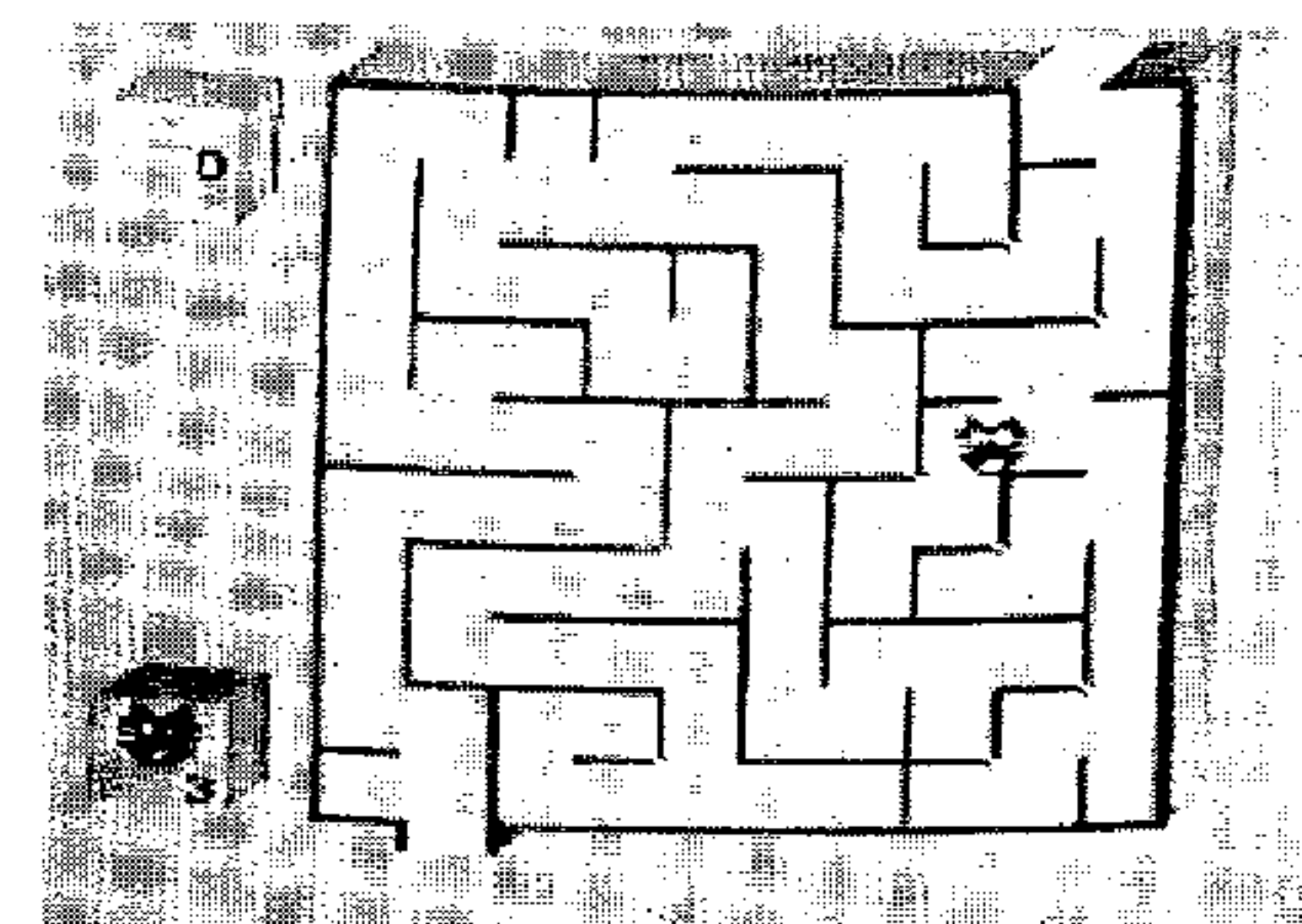
1. In console BASIC, save your file for back-up purposes.
2. Delete several lines from your file.
3. Save the file.
4. Load the file with Extended BASIC.

Repeat the above procedure until your program successfully loads. Once the program is loaded, you need to add the lines previously deleted from the original file. Now when the program is saved, it will be in a format that can be loaded directly into Memory Expansion.

If you don't have Memory Expansion, you may have to shorten your program to run it in Extended BASIC. Remember, extra space is provided by using the CALL FILES statement. Also remember, if a CALL FILES is used prior to writing a program to access more memory space, it must also be used when the program is loaded back into the system.



The Early Reading program, developed by Scott, Foresman and Company and TI, engages color graphics and computer speech to introduce and reinforce important reading skills.



Test your strategy skills with A-MAZE-ING, TI's exciting new combination of maze games.

TI-99/4 Home Computer Users' Groups

The number of Users' Groups around the United States continues to grow each month. These groups are exceedingly helpful to those interested in sharing technical information, keeping up-to-date on new hardware and software, and exchanging thoughts and ideas.

ACTIVE GROUPS

LOCAL USERS' GROUPS

Denver, Colorado
Denver 99/4 Users' Group
Rick Savage
CRS Inc.
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Eugene, Oregon
Pacific Northwest TI 99/4 User's Group
Gary Kaplan
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Eugene, OR 97405
(503) 485-8796

Houston, Texas
Houston Users' Group (HUG)
Raymond Wells
8922 Roos Road
Houston, TX 77036
(713) 771-3483 (Home)
(713) 871-8000 Ext 4516 (Work)

Lubbock, Texas
Lubbock Computer Club
99/4 Users' Group
Brett Pijan
2006 43rd St.
Lubbock, Tx 79412
(806) 765-0102

Pittsburgh, Pennsylvania
Pittsburgh 99/4 Users' Group
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Donora, PA 15033
(412) 379-5976

Rye, New York
Jerald Greenberg
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San Diego 99/4 Users' Group
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c/o Daniel Industries Inc.
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RE: Computer Club
(213) 774-9300

San Francisco, California
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Moraga, CA 94556
(415) 376-6653

New Third-Party Software Packages

Agricultural Packages

Three new agricultural software packages have been released recently by Agricultural Systems, Inc. They are Swine Management (HOG I), Swine Management (HOG II), and Seed Sales.

The Swine Management (HOG I) program provides swine breeders a systematic way to maintain and report on breeding activity. One diskette records activity on up to 300 sow/boar herd. Swine Management (HOG II) is a two-diskette program that uses the same inputs and reports as HOG I, except that breeding records can be maintained on an 800 sow/boar herd.

Seed Sales is a diskette package that allows grain seed dealers to record customer orders, print invoices on seed company forms, and total sales of each seed by its type and by customer. The program manages 150 customers and 225 products.

For further information on any of the above programs, contact Agricultural Computer Systems, Inc., 2346 South Lynhurst Drive, Suite I 303, Indianapolis, IN 46241, (317)247-4474.

Non-TI products are listed in this newsletter for your information. Their inclusion does not represent an endorsement by TI, and lists are not necessarily complete.

FUTURA Software

Ehninger Associates, Inc. has developed FUTURA software packages specifically for the TI-99/4. The present selection includes All-Star Baseball, Casino Pack (Card Game, Dice Game, and Slot Machine), Challenge I (Leapfrog I and Leapfrog II), Challenge II (Nim and Tic-Tac-Toe), Dr. Nuttier, Gran Prix, Wall Street, and the recently released SAM Defense.

The author of all FUTURA Software is Charles M. Ehninger, recent First Prize Winner in Texas Instruments Author Incentive Program.

You can purchase FUTURA Software from retail dealers or by ordering from Ehninger Associates Inc., 408 Flaxseed Lane, Ft. Worth, TX 76108, or call (817) 246-6536.

The Personal Computer User's Newsletter is published by the Texas Instruments Personal Computer Division, P.O. Box 53, Lubbock, Texas 79408. All correspondence concerning this newsletter should be mailed to the above address.