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Tape

**Donald Spoto Slow Scans** *The French Lt.'s Woman* 



Berger-Braithwaite Videotests

Sylvania MTS Monitor Pioneer Super Beta VCR Zenith Hi-Fi VCR Akai VHS VCR

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## **Videotests**



**About the Cover.** Deck the halls with gobs of gear—our yearly Yuletide Gift Guide's here. In quadruplicate. Cover photo by Vittorio Sartor.

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Off the Air
Low-Power TV Catch-22
By Bob Brewin

# Random Access

## Personal Computers, News, and Games

#### Tapes By The Byteload

How many times have you accidently taped over part of a television program you wanted to save? If you're like the rest of us, plenty. That's why *VideoFile*, a timeshifting database for the Commodore 64, the Apple II series, and IBM PCs is a great idea. The program catalogs your collection while a built-in calculator translates counter readings into hours and minutes.

Let's say you want to tape "A Stumble Through the 20th Century with Bill Moyers" on the cassette containing your mate's recording of "Julia Child Cooks Burnt Toast." In the interest of domestic bliss, you want to save the recipe for later holiday festivities. VideoFile makes it easy to see if you have space on the tape. Enter the length in hours and minutes of the program you want to record, and VideoFile will list all options. The first choice will be any tapes that have space at the beginning of a cassette, then other spaces within, then space that is almost enough, then too much, or none at all.

VideoFile provides three ways to list tapes. However, once you define the categories, that's it. They can't be changed, so take care to include a miscellaneous category to hold all those undefinable programs you may tape. You can list shows according to categories (movies, TV programs), alphabetically, or by length. You can also view the contents of a particular tape or list only the programs you want to save or record over. A printer option allows you to make a hardcopy version of your collection.

VideoFile takes into account counter mechanisms that track the revolutions of



the VCR's feeding hub or takeup hub. The most complicated thing about using VideoFile is determining your machine's hub type. For feeder hubs, the numbers are slow in the beginning and fast at the end. Vice versa for the takeup hubs. Bob Claster, who programmed and sells the database, says he has tested the counter calculation for 15 different machines and found it "dead on for each one."

Another fine feature is the use VideoFile makes of function keys. You can make one key stand for a string of characters—a programming concept known as macros. This cuts down on typing and the possibility of typos. You don't have to type common time increments for your favorite programs over and over. Just define a function key using the menu option. Push the appropriate function key when organizing your files, and the entry is found with only one keystroke.

A demonstration disk of *VideoFile* is available for \$10, deductible from the purchase price of \$49.95 (\$59.95 for the IBM version), from

VideoFile, Box 480210, Los Angeles, CA 90048.

#### Lotus 4-5-6-7-8

Most computer users don't find working with Lotus 1-2-3 as simple as A-B-C. But Arthur Young Business Systems has made the bestselling spreadsheet easier to learn with two instructional video packages for high end users. Aimed at companies that need to train lots of computer workers fast, the primer, Arthur Young's Lotus 1-2-3 Self-Teaching Video Course, starts with the basics of turning on a computer and

setting up the program. Young's latest video in this series, *Advanced Macro Functions*, explores the more difficult and powerful routines.

The video courses assume no prior knowledge and both come with manuals and example disks (the Lotus program is not included). Students should have an IBM PC or compatible on hand to get the best benefit from these videos. The primer has two two-hour tapes, and Advanced Macro Functions includes three two-hour cassettes. The tape quickly points out the limitations of the program and the dangers of losing data during certain functions, like copying rou-

Advanced Macro Functions is a real plus for spreadsheet users. If you only learn how to set up the complicated command structure from the video, you'll save a lot of time in typing alone. The package comes with a disk containing 350 macros ready to transfer to your own spreadsheet. These include such useful functions as "type," which lets you define frequently used text for access with only one keystroke and "hide," which lets you

