

Software Tools

FOR THE PROFESSIONAL PROGRAMMER

Programming in
LISP and PROLOG

An Expert at Life

The Perils of
Protected Mode

I/O Redirection
for the Shell

ANNUAL AI ISSUE

A) In the first line of your sonnet which reads, "Shall I compare thee to a summer's day," would not "a spring day" do as well?

- It wouldn't scan.

A) How about "a winter's day?" That would scan all right.

- Yes, but nobody wants to be compared to a winter's day.

A) Would you say Mr. Pickwick reminded you of Christmas?

- In a way.

A) Yet Christmas is a winter's day, and I do not think Mr. Pickwick would mind the comparison.

- I don't think you're serious. By a winter's day one means a typical winter's day, not a special one like Christmas.

A) ...



Anna Gimpel
Gimpel Software AAA
3207 Hogarth Lane
Collegeville, PA 19426



HAUPPAUGE

Is Getting A Fast Reputation.



HAUPPAUGE started earning a fast reputation with their 87 Math Pak, the combination of an 87 chip and 87 Software Pak that's been accelerating PC math since 1982.

Next came their racy 287 FAST/5, a math coprocessor module with its own 5MHz clock, speeding up PC/AT math by 25%. (Pictured above.)

Now, Hauppauge Unveils the 287 FAST/8A...

Our newest math coprocessor for the PC/AT, the 287 FAST/8A moves out at 8MHz—doubling the speed of each floating point math operation. The FAST/8A accelerates AutoCad, 1-2-3, Symphony, Turbo Pascal, Framework and more. The FAST/8A also runs in PC/AT compatibles including the Compaq Deskpro 286, Sperry PC/IT and TI Business-Pro computers.

...And the 87 Software Pak Version 6.0

Designed to steal the heart of programmers, the 87 Software Pak supports IBM's BASIC Compiler 1.0 and 2.0, and Microsoft's QuickBASIC, executing math-intensive programs up to 20 times faster! The 87 Software Pak also performs FFT's and Matrix operations. For example, a PC (or PC/XT) with an 87 Chip and 87 Software Pak can perform a 512-point complex FFT in just 1.1 seconds. What's more, a PC/AT with a FAST/8A inverts a 25 by 25 element matrix in under 1 second.

Circle no. 274 on reader service card

Hauppauge

(Pronounced "Ha-pog")

HAUPPAUGE Math Coprocessors
287 FAST/8A 8MHz math coprocessor for PC/AT and compatibles...\$379
287 FAST/5 5MHz math coprocessor for PC/AT and compatibles.....\$249
287 Chip PC/AT math coprocessor—runs at 4MHz in PC/AT.....\$219
87 Chip Math coprocessor for IBM PC, PC/XT and compatibles.....\$129

87-2 Chip Math coprocessor for 8MHz PC compatibles...\$195

HAUPPAUGE Math Coprocessor Paks

87 Math Pak V.6.0 87 chip and math coprocessor software support for IBM BASIC Compiler 1.0, 2.0 and Microsoft's QuickBASIC. Plus, Matrix and FFT support, one year of free updates, complete source code and "8087 Applications and Programming".....\$279

87 Software Pak V.6.0 Math coprocessor software support as in the 87 Math Pak, but without 87 chip.....\$180

With any Hauppauge math coprocessor.....\$150

Recalc+ Math coprocessor support for 1-2-3 version 1A...\$ 95

With any Hauppauge math coprocessor.....\$ 49

HFT+ Complete Hayes Fourier Transform Package.....\$125

With any Hauppauge math coprocessor.....\$ 79

The 287 FAST/8 Doubles Your PC/AT's Math Speed!

Help your PC/AT get a fast reputation with Hauppauge's new 287 FAST/8A. Call today, or contact your local computer dealer to learn more about Hauppauge's racy product line. And ask for "87 Q & A," our free booklet on math coprocessors.

Hauppauge Computer Works, Inc.

358 Veterans Memorial Highway, Suite MSI,
 Commack, New York, USA 11725 • 516-360-3827
 Available at your local computer dealer