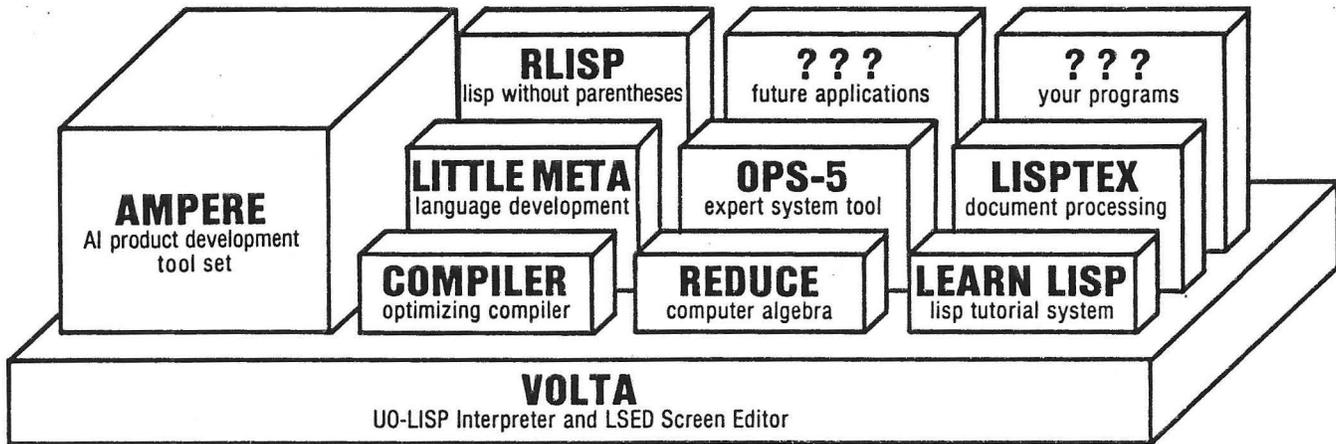


# REDUCE

An interactive software system designed for general mathematical computations of interest to physicists, mathematicians and engineers. 27,000 lines of LISP in 640K. The most powerful computer algebra system for Hewlett Packard VECTRA PCs, IBM PCs and compatible computers. Requires 512K, hard disk recommended.

Differentiation  
Integration  
Factorization  
Matrix Algebra  
Linear Equations  
High Energy Physics



## UO-LISP

It's NOT COMMON, it's FAST!!!

### INDUSTRIAL

UO-LISP is strong. Take for example the computer algebra system REDUCE. Until the powers of UO-LISP were applied to REDUCE it ran only on main frame and powerful mini computers like the CRAY X-MP and the SUN Workstation. UO-LISP now runs REDUCE on the 8086 family of micro computers by compiling its 27,000 lines of LISP source into less than 640K of efficient native code. Run REDUCE on a technical PC such as the HP VECTRA and you have a **PC BREAK-THROUGH** for scientists, engineers and mathematicians.

### LOWEST PRICED LISP FOR YOUR PC

VOLTA is the electric base plate for the UO-LISP family of products. You get a Standard LISP interpreter with a full set of data types: integers, big numbers, floating point, strings, atoms, pairs and vectors; a full featured screen editor modeled after EMACS with parenthesis balancing, debugging tools, more than 200 Standard LISP functions and system utilities all documented in a compact function reference guide.

### DESIGNER'S WORKSTATION

AMPERE is a complete LISP development workstation for the HOT designer creating large scale AI systems for micros. AMPERE includes VOLTA, COMPILER, LITTLE META, LISPTEX, RLISP, program development tools and a 300 page programmers reference manual.

### MODULAR FAMILY OF PRODUCTS

Plug LISPTEX into VOLTA and process text. Plug LEARN LISP into VOLTA and learn lisp while exploring a rule based expert system and other AI techniques. Plug the COMPILER into VOLTA and create fast run time libraries.

### REQUIREMENTS

IBM-PC or compatible with a minimum of 256K and PC-DOS 2.0 or higher. CP/M also supported.

**CALL OR WRITE TODAY** and we'll send you brochures, a product price list with bundle discounts, timing tests and order forms. Product prices range from \$50.00 to \$500.00. Order the UO-LISP configuration that best meets your needs.



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