



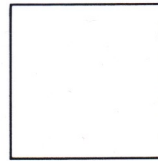
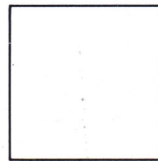
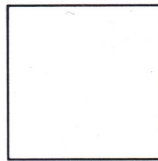
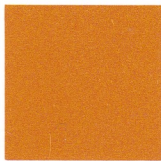
HEWLETT
PACKARD

HP 82480A

Math Pac

Owner's Manual

For the HP-71



How To Use This Manual (page 9)

- 1: Installing and Removing the Module (page 13)
 - 2: Base Conversions (page 15)
 - 3: Complex Variables (page 19)
 - 4: Real Scalar Functions (page 27)
 - 5: Complex Functions and Operations (page 35)
 - 6: Array Input and Output (page 51)
 - 7: Array Arithmetic (page 63)
 - 8: Scalar-Valued Array Functions (page 69)
 - 9: Inverse, Transpose, and System Solution (page 77)
 - 10: Solving $f(x)=0$ (page 89)
 - 11: Numerical Integration (page 101)
 - 12: Finding Roots of Polynomials (page 119)
 - 13: Finite Fourier Transform (page 133)
-
- A: Owner's Information (page 143)
 - B: Memory Requirements (page 149)
 - C: Error Conditions (page 151)
 - D: Attention Key Actions (page 155)
 - E: Numeric Exceptions and the IEEE Proposal (page 157)
- Keyword Index (page 176)



Portable Computer Division
1000 N.E. Circle Blvd., Corvallis, OR 97330, U.S.A.

European Headquarters
150, Route Du Nant-D'Avril
P.O. Box, CH-1217 Meyrin 2
Geneva-Switzerland

HP-United Kingdom
(Pinewood)
GB-Nine Mile Ride, Wokingham
Berkshire RG11 3LL

HP 82480 Math Pac Quick Reference Guide

For Use With the HP-71

Contents

Base Conversions	1
Complex Variables	2
Real Scalar Functions	4
Complex Functions and Operations	7
Array Input and Output	13
Array Arithmetic	18
Scalar-Valued Array Functions	21
Inverse, Transpose, and System Solution	24
Solving a System of Equations	25
Solving $f(x) = 0$	26
Numerical Integration	27
Finding Roots of Polynomials	29
Finite Fourier Transform	29
Error Conditions	30

Base Conversions

BVAL

Binary, Octal,
or Hexadecimal to Decimal Conversion

BVAL(S\$,N)

where $S\$$ is a binary, octal, or hexadecimal string expression and N is a numeric expression whose rounded integer value is 2, 8, or 16 respectively.



**HEWLETT
PACKARD**

Portable Computer Division

1000 N.E. Circle Blvd., Corvallis, OR 97330, U.S.A.

© Hewlett-Packard Company 1984

82480-90002 English

Printed in S'pore 3/84