Preface

This guide contains information on the advanced functionality of the HP 49G. It is a supplement to the *Pocket Guide* and *User's Guide* that is shipped with the HP 49G.

Material covered

This guide contains the following information:

- **Chapter 1, Entering commands** contains information on the different ways that you can enter and use commands.
- **Chapter 2, System flags** contains information on using the HP 49G's flags, and the commands to control them.
- **Chapter 3, Command line operations** illustrates how to use the command line editor.
- **Chapter 4, The stack** explains how to operate the calculator in RPN mode, and how to manipulate objects on the stack.
- **Chapter 5, Matrices and linear algebra** describes advanced matrix operations, and how to solve linear algebra problems using matrices.
- **Chapter 6, Unit objects** contains information on using the Units application to work with units in mathematical operations.
- **Chapter 7, Constants library** contains information on the library of physical constants that you can access and use in calculations.
- **Chapter 8, Number bases** contains information on working with binary, octal and hexadecimal number bases, and working with binary integer arithmetic.
- **Chapter 9, Lists and sequences** contains information on creating and working with lists and sequences.
- **Chapter 10, Advanced plotting options** provides additional information on creating and manipulating plots.
- **Chapter 11, Memory** contains information on storing and retrieving data, using library objects, and how the HP 49G manages memory.
- **Chapter 12, Date and time arithmetic** describes how to work with dates and times.
- **Chapter 13, Customization** describes how to customize the keyboard, and how to create menus.

- **Chapter 14, Computer algebra commands** describes each of the computer algebra commands that the calculator contains, and what each command does.

The HP 49G documentation set

The HP 49G documentation set is a mixture of hard copy documentation and documentation available from the HP Calculators web site.

You can find all of the documentation for the HP 49G on the HP Calculators web site, at the following address:

http://www.hp.com/calculators/graphing/49g_info.html

The HP 49G documentation set is made up of the following components:

- *User's Guide*, available with the calculator.
- *Pocket Guide*, available with the calculator.
- *Advanced Topics*, being chapters 1 to 13 of this manual, and available from the web site.
- *CAS Commands*, being chapter 14 of this manual, and available from the web site.
- *Other Commands A to F*, available from the web site.
- *Other Commands G to P*, available from the web site.
- *Other Commands Q to Z*, available from the web site.

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