Appendix F
The Applications (APPS) menu

The Applications (APPS) menu is available through the APPS key (first key in second row from the keyboard's top). The APPS key shows the following applications:

The different applications are described next.

Plot functions..

Selecting option *1. Plot functions..* in the APPS will produce the following menu list of graph-related options:

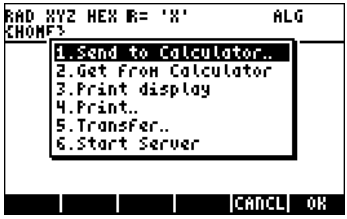
The six options shown are equivalent to the keystroke sequences listed below:

Equation entry…	↰ Y=	Plot window..	↰ WIN
Graph display..	↰ GRAPH	Plot setup..	↰ 2D/3D
Table setup..	↰ TBLSET	Table display..	↰ TABLE

These applications are presented in detail in Chapter 12.

I/O functions..

Selecting option *2. I/O functions..* in the APPS menu will produce the following menu list of input/output functions



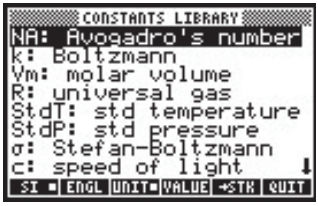
These applications are described next:

Send to Calculator	Send data to another calculator (or to a PC with an infrared port)
Get from Calculator	Receive data from another calculator (or to a PC with an infrared port)
Print display	Send screen to printer
Print..	Print selected object from calculator
Transfer..	Transfer data to other device
Start Server..	Calculator set as a server for communication with computers

You can connect to another calculator or to a PC via infrared or via a cable. A USB cable is provided with the calculator for a USB connection. You can also use a serial cable to connect to the RS232 port on the calculator. (This cable is available as a separate accessory.)

Constants lib..

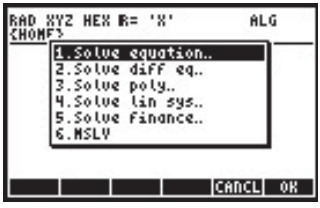
Selecting option *3. Constants lib..* in the APPS menu opens the Constant Library application that provides values of standard physical constants:



The Constants Library is discussed in detail in Chapter 3.

Numeric solver..

Selecting option *3. Constants lib..* in the APPS menu produces the numerical solver menu:



This operation is equivalent to the keystroke sequence ↱ NUM.SLV . The numerical solver menu is presented in detail in Chapters 6 and 7.

Time & date..

Selecting option *5.Time & date..* in the APPS menu produces the time and date menu:

This operation is equivalent to the keystroke sequence ↱ TIME . The time and date menu is presented in detail in Chapter 26.

Equation writer..

Selecting option *6.Equation writer..* in the APPS menu opens the equation writer:

This operation is equivalent to the keystroke sequence ↱ EQW . The equation writer is introduced in detail in Chapter 2. Examples that use the equation writer are available throughout this guide.

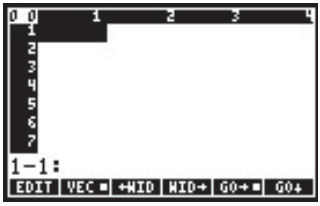
File manager..

Selecting option *7.File manager..* in the APPS menu launches the file manager application:

This operation is equivalent to the keystroke sequence ↰ FILES .The file manager is introduced in Chapter 2.

Matrix Writer..

Selecting option *8.Matrix Writer..* in the APPS menu launches the matrix writer:



This operation is equivalent to the keystroke sequence ↰ MTRW .The Matrix Writer is presented in detail in Chapter 10.

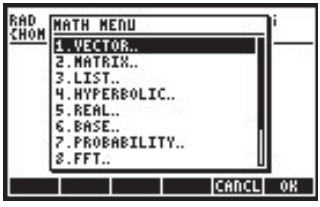
Text editor..

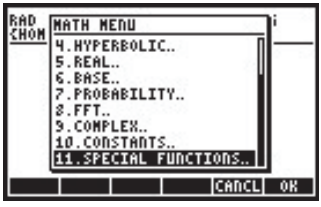
Selecting option *9.Text editor..* in the APPS menu launches the line text editor:

The text editor can be started in many cases by pressing the down-arrow key ▼. If the object in the display is an algebraic object, pressing ▼ will most likely start the Equation Writer. The text editor is introduced in Chapter 2, and presented in detail in Appendix L.

Math menu ..

Selecting option *10.Math menu..* in the APPS menu produces the MTH (mathematics) menu:

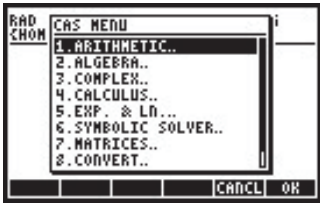


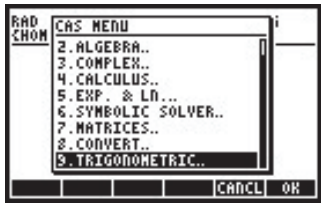


This operation is equivalent to the keystroke sequence ↰ MTH . The MTH menu is introduced in Chapter 3 (real numbers). Other functions from the MTH menu are presented in Chapters 4 (complex numbers), 8 (lists), 9 (vectors), 10 (matrix creation), 11 (matrix operation), 16 (fast Fourier transforms), 17 (probability applications), and 19 (numbers in different bases).

CAS menu..

Selecting option *11.CAS menu..* in the APPS menu produces the CAS or SYMBOLIC menu:

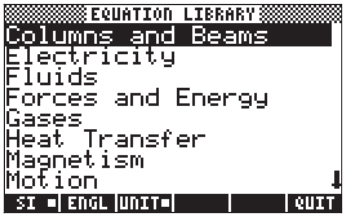


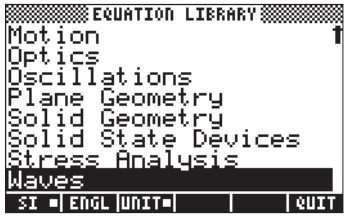


This operation is also available by pressing the SYMB key. The CAS or SYMBOLIC menu is introduced in Chapter 5 (algebraic and arithmetic operations). Other functions from the CAS menu are presented in Chapters 4 (complex numbers), 6 (equations solutions), 10 (matrix creation), 11 (matrix operation), 13 (calculus), 14 (multivariate calculus), and 15 (vector analysis).

Equation Library

Selecting option *12.Equation Library* in the APPS men displays the EQ LIBRARY MENU. From here you can press [redacted] and then [redacted] to open the Equation Library:





Note that flag –117 should be set if you are going to use the Equation Library. Note too that the Equation Library will only appear on the APPS menu if the two Equation Library files are stored on the calculator.

The Equation Library is explained in detail in chapter 27.