


```

MM      MM      TTTTTTTTTT  HH      HH      EEEEEEEEEEE  RRRRRRRR  RRRRRRRR
MM      MM      TTTTTTTTTT  HH      HH      EEEEEEEEEEE  RRRRRRRR  RRRRRRRR
MMMM    MMMM    TT          HH      HH      EE          RR      RR  RR      RR
MMMM    MMMM    TT          HH      HH      EE          RR      RR  RR      RR
MM      MM      TT          HH      HH      EE          RR      RR  RR      RR
MM      MM      TT          HH      HH      EE          RR      RR  RR      RR
MM      MM      TT          HHHHHHHHHH  EEEEEEEEE  RRRRRRRR  RRRRRRRR
MM      MM      TT          HHHHHHHHHH  EEEEEEEEE  RRRRRRRR  RRRRRRRR
MM      MM      TT          HH      HH      EE          RR      RR  RR      RR
MM      MM      TT          HH      HH      EE          RR      RR  RR      RR
MM      MM      TT          HH      HH      EE          RR      RR  RR      RR
MM      MM      TT          HH      HH      EE          RR      RR  RR      RR
MM      MM      TT          HH      HH      EEEEEEEEEEE  RR      RR  RR      RR
MM      MM      TT          HH      HH      EEEEEEEEEEE  RR      RR  RR      RR

```

```

SSSSSSSS  DDDDDDDD  LL
SSSSSSSS  DDDDDDDD  LL
SS         DD         DD  LL
SS         DD         DD  LL
SS         DD         DD  LL
SS         DD         DD  LL
SSSSSS    DD         DD  LL
SSSSSS    DD         DD  LL
          SS         DD  LL
          SS         DD  LL
          SS         DD  LL
          SS         DD  LL
SSSSSSSS  DDDDDDDD  LLLLLLLLLL
SSSSSSSS  DDDDDDDD  LLLLLLLLLL

```

MT
1-
F2
EE
C6
94
2D
A5
CE
48
B9
DD
ED
OE
5D
5F
1C
50
EF
91
BD
59
E7
36
34
E1
16
F0
26
7E
01

{ REQUIRE file for Math library error codes (STSSV_CODE)
{ File: MTHERR.SDL Edit: SBL2001

```

*****
{*
{* COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
{* DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.
{* ALL RIGHTS RESERVED.
{*
{* THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED
{* ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE
{* INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER
{* COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY
{* OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY
{* TRANSFERRED.
{*
{* THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE
{* AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT
{* CORPORATION.
{*
{* DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS
{* SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
{*
*****

```

{ Author: T. Hastings

- { 0-2 - Define MTH\$K_FLOUNDMAT. TNH 30-Dec-77.
- { 0-3 - Make \$MTHERR, not \$MTHDEF macro. TNH 26-Jan-78
- { 0-4 - Change MTH\$K_INVARGMTH to MTH\$K_ARGMAT. TNH 3-Jan-78
- { 0-5 - Change name to MTHERR.MDL. JBS 14-NOV-78
- { 1-001 - Update version number and add copyright notice. JBS 16-NOV-78
- { 1-002 - Change SINCOSSIG to SIGLOSMAT. SBL 18-Sept-1979
- { 2-001 - Convert to SDL. SBL 23-Aug-1982

{+
{ Define short valued symbols of the form MTH\$K_symbol which are used in calls to
{ the Math library error Procedure of the form:

{ MTH\$\$\$IGNAL (MTH\$K_error_number)

{ which are changed into 32-bit VAX-11 condition values
{ of the form MTH\$_error number
{ before calling LIB\$\$\$IGNAL (MTH\$_error_number)

{ To define symbols for calling MTH\$\$\$IGNAL, either declare as .EXTRN
{ or \$MTHERR ; macro call

{-

MODULE \$MTHERR;

MT
1-
95
AF
AF
E8
58
A5
E4
5A
70
F4
50
33
76
67
AC
CD
7A
3D
47
10
7E
DA
53
13
68
DC
AF
D8

{ The following messages may not be the actual text:
{ See MTHMSG.MSG for the correct text

```
CONSTANT
  FAC_NO      EQUALS 22 PREFIX MTH TAG $K; { Math library facility number (STSSW_FAC_NO)
```

```
CONSTANT (
  WRONUMARG, { wrong number of arguments
  INVARGMAT, { invalid argument to math library
  UNDEXP,    { undefined exponentiation
  LOGZERNEG, { logarithm of zero or negative value
  SQUROONEG, { square root of negative value
             { Skip 85 and 86 (used on PDP-11)
  SIGLOSMAT, { significance lost in math library
  FLOOVEMAT, { floating overflow in math library
  FLOUNDMAT, { floating underflow in math library
) EQUALS 80 INCREMENT 1 PREFIX MTH TAG $K;
```

```
END_MODULE $MTHERR;
```

```
{ End of file MTHERR.SDL
```

MT
1-
31
DC
98
DE
F5
B2
BC
BC
F4
D3
EC
53
B9
15
39
52
C8
F9
47
60
BF
26
26
46
DA
C7
67
98
30

0257 AH-BT13A-SE
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION
CONFIDENTIAL AND PROPRIETARY

A grid of 100 terminal windows, each displaying a different menu or data screen. The screens are arranged in a 10x10 grid. Each window contains text-based information, including headers, lists, and data tables. Some windows have titles such as:

- MTH4OVP LIS
- MTHABS LIS
- MTHINT LIS
- MTHAMOD LIS
- MTHERR SOL
- MTHASIN LIS
- MTHCDABS LIS
- MTHATAN LIS
- MTHATANH LIS
- MTHCDLOG LIS
- MTHBITOPS LIS
- MTHALOG LIS
- MTHJACKET MAR
- MTHDEF FOR
- MTHACOS LIS
- MTHANTNT LIS
- MTHCABS LIS
- MTHCDEXP LIS

The content of the screens varies, with some showing lists of items, others showing data tables with columns and rows, and some showing more complex graphical or structured data. The overall appearance is that of a multi-plexed terminal session from a mainframe or minicomputer system.