



```

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
{
{*****
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```

```

{ 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  
7C  
F4  
5C  
33  
76  
67  
AC  
CD  
7A  
3D  
47  
1C  
7E  
DA  
53  
13  
68  
DC  
AF  
DB

{ 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

M1  
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  
D1  
C7  
67  
98  
31



