

** MIDAS/GTS - Modeling, Integrated
Design & Analysis Software **
** GENERAL STRUCTURE
DESIGN SYSTEM FOR WINDOWS
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PC WINDOWS 95/98/2000/NT/XP
VERSION.

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-----S T A R T I N G S
O L U T I O N

MULTI-FRONTAL SOLVER
AVAILABLE MEMORY = 1400.0 MBYTES
INTERNAL DATA REGENERATION (ENTRY
REGEN_MODEL)

CONSTRUCTION STAGE NO. : 1
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THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.61107E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.56876E+01 M
Y-COORDINATE OF C.G 3.32619E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INITIAL STAGE ANALYSIS IS FINISHED

** S T A G E T I M E L O G I N S E C O
N D **

- INPUT DATA READING AND GENERATION
0.06
- FORM LOAD VECTORS 1.78
- FORM STIFFNESS MATRICES 1.66
- MULTI-FRONTAL SOLUTION 0.49
- RESULT OUTPUT 1.60
- TOTAL ELAPSED TIME 5.65

CONSTRUCTION STAGE NO. : 2
=====

THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.61107E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.56876E+01 M
Y-COORDINATE OF C.G 3.32619E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M

INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.764E-14

** S T A G E T I M E L O G I N S E C O
N D **

- INPUT DATA READING AND GENERATION
0.03
- FORM LOAD VECTORS 1.61
- FORM STIFFNESS MATRICES 1.68
- MULTI-FRONTAL SOLUTION 1.18
- RESULT OUTPUT 1.31
- TOTAL ELAPSED TIME 5.86

CONSTRUCTION STAGE NO. : 3
=====

THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.59672E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.57829E+01 M
Y-COORDINATE OF C.G 3.31961E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.270E-13

** S T A G E T I M E L O G I N S E C O
N D **

- INPUT DATA READING AND GENERATION
0.01
- FORM LOAD VECTORS 1.47
- FORM STIFFNESS MATRICES 1.60
- MULTI-FRONTAL SOLUTION 0.17
- RESULT OUTPUT 1.42
- TOTAL ELAPSED TIME 4.68

CONSTRUCTION STAGE NO. : 4
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THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.59749E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.57778E+01 M
Y-COORDINATE OF C.G 3.32000E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.272E-13

** S T A G E T I M E L O G I N S E C O
N D **

- INPUT DATA READING AND GENERATION
0.03
- FORM LOAD VECTORS 1.54
- FORM STIFFNESS MATRICES 1.67
- MULTI-FRONTAL SOLUTION 0.76
- RESULT OUTPUT 1.25
- TOTAL ELAPSED TIME 5.28

CONSTRUCTION STAGE NO. : 5
=====

THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.59749E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.57778E+01 M
Y-COORDINATE OF C.G 3.32000E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.110E-02
INCREMENT NO. : 1 ITERATION NO. : 2
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.998E-06

** S T A G E T I M E L O G I N S E C O
N D **

- INPUT DATA READING AND GENERATION
0.04
- FORM LOAD VECTORS 1.51
- FORM STIFFNESS MATRICES 2.68
- MULTI-FRONTAL SOLUTION 1.10
- RESULT OUTPUT 1.31
- TOTAL ELAPSED TIME 6.68

CONSTRUCTION STAGE NO. : 6
=====

THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.58769E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.58432E+01 M
Y-COORDINATE OF C.G 3.31694E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.119E-13

** S T A G E T I M E L O G I N S E C O
N D **

- INPUT DATA READING AND GENERATION
0.03
- FORM LOAD VECTORS 1.53
- FORM STIFFNESS MATRICES 1.58
- MULTI-FRONTAL SOLUTION 0.14
- RESULT OUTPUT 1.29
- TOTAL ELAPSED TIME 4.61

CONSTRUCTION STAGE NO. : 7
=====

THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.58793E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.58416E+01 M
Y-COORDINATE OF C.G 3.31701E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.174E-13

** S T A G E T I M E L O G I N S E C O
N D **

- INPUT DATA READING AND GENERATION
0.04
- FORM LOAD VECTORS 1.45
- FORM STIFFNESS MATRICES 1.54

- MULTI-FRONTAL SOLUTION 0.16
- RESULT OUTPUT 1.36
- TOTAL ELAPSED TIME 4.57

CONSTRUCTION STAGE NO. : 8
=====

THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.58793E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.58416E+01 M
Y-COORDINATE OF C.G 3.31701E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.465E-13

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** S T A G E T I M E L O G I N S E C O
N D **

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- INPUT DATA READING AND GENERATION
0.03
- FORM LOAD VECTORS 1.42
- FORM STIFFNESS MATRICES 1.56
- MULTI-FRONTAL SOLUTION 0.12
- RESULT OUTPUT 1.42
- TOTAL ELAPSED TIME 4.56

CONSTRUCTION STAGE NO. : 9
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THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.57311E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.57586E+01 M
Y-COORDINATE OF C.G 3.31014E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.239E-13

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** S T A G E T I M E L O G I N S E C O
N D **

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- INPUT DATA READING AND GENERATION
0.03
- FORM LOAD VECTORS 1.25
- FORM STIFFNESS MATRICES 1.46
- MULTI-FRONTAL SOLUTION 0.14
- RESULT OUTPUT 1.25
- TOTAL ELAPSED TIME 4.15

CONSTRUCTION STAGE NO. : 10
=====

THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.57389E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.57629E+01 M
Y-COORDINATE OF C.G 3.31054E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.176E-13

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** S T A G E T I M E L O G I N S E C O
N D **

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- INPUT DATA READING AND GENERATION
0.03
- FORM LOAD VECTORS 1.27
- FORM STIFFNESS MATRICES 1.49
- MULTI-FRONTAL SOLUTION 0.12
- RESULT OUTPUT 1.17
- TOTAL ELAPSED TIME 4.10

CONSTRUCTION STAGE NO. : 11
=====

THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.57389E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.57629E+01 M
Y-COORDINATE OF C.G 3.31054E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.178E-13

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** S T A G E T I M E L O G I N S E C O
N D **

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- INPUT DATA READING AND GENERATION
0.03
- FORM LOAD VECTORS 1.31
- FORM STIFFNESS MATRICES 1.46
- MULTI-FRONTAL SOLUTION 0.15
- RESULT OUTPUT 1.25
- TOTAL ELAPSED TIME 4.22

CONSTRUCTION STAGE NO. : 12
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THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.56457E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.57105E+01 M
Y-COORDINATE OF C.G 3.30760E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.175E-13

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** S T A G E T I M E L O G I N S E C O
N D **

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- INPUT DATA READING AND GENERATION
0.03
- FORM LOAD VECTORS 1.22
- FORM STIFFNESS MATRICES 1.42
- MULTI-FRONTAL SOLUTION 0.13
- RESULT OUTPUT 1.12
- TOTAL ELAPSED TIME 3.96

CONSTRUCTION STAGE NO. : 13
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THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.56480E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.57118E+01 M
Y-COORDINATE OF C.G 3.30767E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.122E-13

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** S T A G E T I M E L O G I N S E C O
N D **

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- INPUT DATA READING AND GENERATION
0.03
- FORM LOAD VECTORS 1.22
- FORM STIFFNESS MATRICES 1.41
- MULTI-FRONTAL SOLUTION 0.12
- RESULT OUTPUT 1.13
- TOTAL ELAPSED TIME 3.92

CONSTRUCTION STAGE NO. : 14
=====

THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.56480E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.57118E+01 M
Y-COORDINATE OF C.G 3.30767E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.164E-13

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** S T A G E T I M E L O G I N S E C O
N D **

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- INPUT DATA READING AND GENERATION
0.05
- FORM LOAD VECTORS 1.20
- FORM STIFFNESS MATRICES 1.40
- MULTI-FRONTAL SOLUTION 0.12
- RESULT OUTPUT 1.31
- TOTAL ELAPSED TIME 4.10

-----S O L U T I O N T E
R M I N A T E D
YOUR G.T.S JOB IS SUCCESSFULLY COMPLETED.....

TOTAL SOLUTION TIME...: 69.78 [SEC]
