



迈达斯建筑结构技术交流会（深圳站）



dinochen.com



MIDAS GEN与其它结构程序的转换原理及应用

MIDAS GEN与其它结构程序的 转换原理及应用

the procedure of MIDAS gen model transfer to other structural program model and application

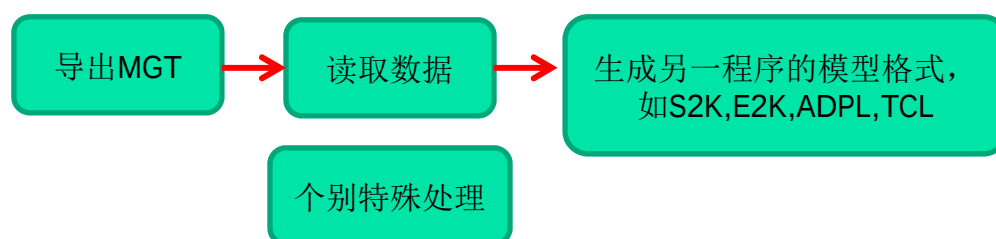
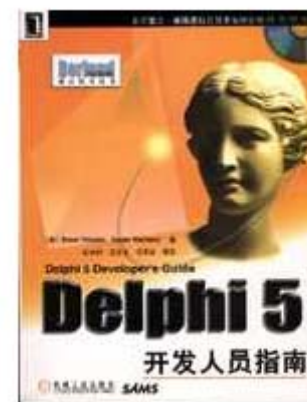
WSP HONG KONG LTD.

Associate

Dr. Chen Xuewei

主要内容

- 1、MIDAS Gen 转换其它结构程序原理及mgt格式
- 2、MIDAS Gen 自带结构转换程序的操作介绍
- 3、MIDAS Gen 与 SAP2000, ETABS, ANSYS程序转换程序介绍



Dinobox 关于MIDAS的转换程序的开发均采用 DELPHI进行开发

(1) MIDAS Gen 转换为其它结构程序的原理(文本方式)

➤ 【导出】 → 【MIDAS/GEN MGT文件】

MIDAS/Gen MGT 文件(G)...

AutoCAD DXF 文件(D)...

导出的单位制保证是N,mm

```

: MIDAS/Gen Text (MGT) File.
: Date : 2009/7/31
-----
*VERSION
  7.1.2

*UNIT      : Unit System
: FORCE, LENGTH, HEAT, TEMPER
  N      , MM, KJ, C

*PROJINFO   : Project Information
  USER=zlptx
  ADDRESS=zlptx

*STRUCTYPE  : Structure Type
: iSTYP, iMASS, iSMAS, bMASSOFFSET, GRAV, TEMPER, bALIGNBEAM, bALIGNSLAB
  0, 1, 1, NO, 9806, 20, NO, NO

*REBAR-MATL-CODE : Rebar Material Code
: CONC_CODE, CONC_MDB, SRC_CODE, SRC_MDB
  GB(RC), HRB400, GB(RC), HRB400

*GRIDLINE   : Define Line Grid
  NAME=00
    X=0, 7500, 15300, 23100, 30900, 38700, 46500, 54300, 65300
    Y=0, 8100, 12600, 21300, 30300, 39300, 47900
    
```

文件表头

(1)MIDAS Gen 转换为其它结构程序的原理(文本方式)

```
*NODE      ; Nodes
; iNO, X, Y, Z
1, 15300, -1000, 0
2, 23100, -1000, 0
3, 30900, -1000, 0
4, 38700, -1000, 0
5, 46500, -1000, 0
6, 7350, 8170, 0
7, 15300, 6400, 0
8, 23100, 5500, 0
9, 30900, 5500, 0
```

结点坐标

```
*ELEMENT    ; Elements
; iEL, TYPE, iMAT, iPRO, iN1, iN2, ANGLE, iSUB, EXVAL, iOPT      ; Frame Element
; iEL, TYPE, iMAT, iPRO, iN1, iN2, iN3, iN4, iSUB, iWID          ; Planar Element
; iEL, TYPE, iMAT, iPRO, iN1, iN2, iN3, iN4, iN5, iN6, iN7, iN8  ; Solid Element
; iEL, TYPE, iMAT, iPRO, iN1, iN2, REF, RPX, RPY, RPZ, iSUB, EXVAL ; Frame(Ref. Point)
1, BEAM, , 1, 1, 14, 47, 0
2, BEAM, , 1, 1, 15, 48, 0
3, BEAM, , 1, 1, 16, 49, 0
```

单元信息

```
*ELEMENT    ; Elements
; iEL, TYPE, iMAT, iPRO, iN1, iN2, ANGLE, iSUB, EXVAL, iOPT      ; Frame Element
; iEL, TYPE, iMAT, iPRO, iN1, iN2, iN3, iN4, iSUB, iWID          ; Planar Element
```

一般结构的主要单元为 Frame Wall & Slab

梁、柱、斜撑、二力杆单元属于 Frame类

单元编号，类型，材料，截面，结点I，结点J，截面夹角，其它

(1)MIDAS Gen 转换为其它结构程序的原理(文本方式)

```
10, BEAM , 1, 2, 44, 62, 0
17, BEAM , 1, 1, 45, 63, 0
18, BEAM , 1, 1, 46, 64, 0
19, BEAM , 1, 9, 23, 65, 90
20, BEAM , 1, 1, 26, 66, 90
21, BEAM , 1, 1, 27, 67, 90
```

梁柱单元代码

```
424, TRUSS , 2, 4, 254, 255, 90
425, TRUSS , 2, 4, 256, 254, 90
426, TRUSS , 2, 4, 257, 256, 90
427, TRUSS , 2, 4, 258, 257, 90
428, TRUSS , 2, 4, 259, 258, 90
429, TRUSS , 2, 4, 260, 259, 90
430, TRUSS , 2, 4, 261, 260, 90
```

二力杆单元代码

```
6180, PLATE , 1, 1, 108, 1786, 1785, 109, 2
6183, PLATE , 1, 1, 146, 145, 138, 107, 2
6184, PLATE , 1, 1, 109, 143, 1848, 1845, 2
6185, PLATE , 1, 1, 143, 141, 1847, 1848, 2
6186, PLATE , 1, 1, 141, 139, 1846, 1847, 2
6187, PLATE , 1, 1, 139, 100, 1844, 1846, 2
6188, PLATE , 1, 1, 1850, 1849, 105, 114, 2
```

楼板单元

楼板单元属于 Planar Element

单元编号，类型，材料，截面，结点1，结点2，结点3，结点4，其它

(1)MIDAS Gen 转换为其它结构程序的原理(文本方式)

```
6597, WALL, , 1, 4, 1552, 1553, 1549, 1548, 2, 1
6598, WALL, , 1, 4, 1548, 1549, 1556, 1555, 2, 1
6599, WALL, , 1, 4, 1555, 1556, 1557, 1559, 2, 1
6600, WALL, , 1, 4, 1559, 1557, 1558, 1560, 2, 1
6601, WALL, , 1, 4, 1560, 1558, 1907, 1906, 2, 2
6602, WALL, , 1, 4, 1906, 1907, 1610, 1609, 2, 1
```

4结点的剪力墙单元

剪力墙单元属于 Planar Element

单元编号, 类型, 材料, 截面, 结点1, 结点2, 结点3, 结点4, 其它

```
*MATERIAL      : Material
: iMAT, TYPE, MNAME, SPHEAT, HEATCO, PLAST, TUNIT, bMASS, [DATA1]      : STEEL, CONC, USER
: iMAT, TYPE, MNAME, SPHEAT, HEATCO, PLAST, TUNIT, bMASS, [DATA2], [DATA2] : SRC
: [DATA1] : 1, DB, NAME
: [DATA1] : 2, ELAST, POISN, THERMAL, DEN, MASS
: [DATA1] : 3, Ex, Ey, Ez, Tx, Ty, Tz, Sxy, Sxz, Syz, Pxy, Pxz, Pyz, DEN : Orthotropic
: [DATA2] : 1, DB, NAME or 2, ELAST, POISN, THERMAL, DEN, MASS
: 1, CONC, concrete, , 0, 0, , C, NO, 1, GB(RC), , C30
: 2, STEEL, steel, , 0, 0, , C, NO, 1, GB03(S), , Q235
: 3, USER, 屈曲约束支撑, , 0, 0, , C, NO, 2, 5.0000e+004, 0.3, 1.2000e-005, 7.698, 0
```

材料属性

(1)MIDAS Gen 转换为其它结构程序的原理(文本方式)

框架截面属性信息

```
*SECTION : Section
: iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, [DATA1], [DATA2] : 1st line - DB/USER
: iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, BLT, D1, ..., D8, iCEL : 1st line - VALUE
: AREA, ASy, ASz, Ixx, Iyy, Izz : 2nd line
: CyP, CyM, CzP, CzM, QyB, QzB, PERI_OUT, PERI_IN, Cy, Cz : 3rd line
: Y1, Y2, Y3, Y4, Z1, Z2, Z3, Z4, Zyy, Zzz : 4th line
: iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, ELAST, DEN, POIS, POIC, SF : 1st line - SRC
: D1, D2, [SRC] : 2nd line
: iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 1, DB, NAME1, NAME2, D1, D2 : 1st line - COMBINED
: iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 2, D11, D12, D13, D14, D15, D21, D22, D23, D24 : 2nd line
: iSEC, TYPE, SNAME, [OFFSET2], bSD, SHAPE, iyVAR, izVAR, STYPE : 1st line - TAPERED
: DB, NAME1, NAME2 : 2nd line(STYPE=DB)
: [DIM1], [DIM2] : 2nd line(STYPE=USER)
: D11, D12, D13, D14, D15, D16, D17, D18 : 2nd line(STYPE=VALUE)
: AREA1, ASy1, ASz1, Ixx1, Iyy1, Izz1 : 3rd line(STYPE=VALUE)
: CyP1, CyM1, CzP1, CzM1, QyB1, QzB1, PERI_OUT1, PERI_IN1, Cy1, Cz1 : 4th line(STYPE=VALUE)
: Y11, Y12, Y13, Y14, Z11, Z12, Z13, Z14, Zyy1, Zyy2 : 5th line(STYPE=VALUE)
: D21, D22, D23, D24, D25, D26, D27, D28 : 6th line(STYPE=VALUE)
: AREA2, ASy2, ASz2, Ixx2, Iyy2, Izz2 : 7th line(STYPE=VALUE)
: CyP2, CyM2, CzP2, CzM2, QyB2, QzB2, PERI_OUT2, PERI_IN2, Cy2, Cz2 : 8th line(STYPE=VALUE)
: Y21, Y22, Y23, Y24, Z21, Z22, Z23, Z24, Zyy2, Zzz2 : 9th line(STYPE=VALUE)
[DATA1] : 1, DB, NAME or 2, D1, D2, D3, D4, D5, D6, D7, D8, D9, D10
[DATA2] : CCSHAPE or iCEL or iN1, iN2
[SRC] : 1, DB, NAME1, NAME2 or 2, D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, iN1, iN2
[DIM1], [DIM2] : D1, D2, D3, D4, D5, D6, D7, D8
[OFFSET] : OFFSET, iCENT, iREF, iHORZ, HUSER, iVERT, VUSER
[OFFSET2]: OFFSET, iCENT, iREF, iHORZ, HUSERI, HUSERJ, iVERT, VUSERI, VUSERJ
1, DBUSER , 600x800 , CC, 0, 0, 0, 0, 0, 0, YES, SB , 2, 600, 800, 0, 0, 0, 0, 0, 0, 0, 0
2, DBUSER , 600x600 , CC, 0, 0, 0, 0, 0, 0, YES, SB , 2, 600, 600, 0, 0, 0, 0, 0, 0, 0, 0
3, DBUSER , P 70X4(筒壳) , CC, 0, 0, 0, 0, 0, 0, YES, P , 2, 70, 4, 0, 0, 0, 0, 0, 0, 0, 0
4, DBUSER , P60X3.5(上弦) , CC, 0, 0, 0, 0, 0, 0, YES, P , 2, 60, 3.5, 0, 0, 0, 0, 0, 0, 0, 0
5, DBUSER , P70X4.0(上弦) , CC, 0, 0, 0, 0, 0, 0, YES, P , 2, 70, 4, 0, 0, 0, 0, 0, 0, 0, 0
6, DBUSER , P95X5.0(上弦) , CC, 0, 0, 0, 0, 0, 0, YES, P , 2, 95, 5, 0, 0, 0, 0, 0, 0, 0, 0
7, DBUSER , ZZ 300X600 , CC, 0, 0, 0, 0, 0, 0, YES, SB , 2, 600, 300, 0, 0, 0, 0, 0, 0, 0, 0
```

(1)MIDAS Gen 转换为其它结构程序的原理(文本方式)

1, DBUSER	, 600x800	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB	, 2, 600, 800, 0, 0, 0, 0, 0, 0, 0, 0, 0
2, DBUSER	, 600x600	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB	, 2, 600, 600, 0, 0, 0, 0, 0, 0, 0, 0, 0
3, DBUSER	, P 70X4(筒壳)	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, P	, 2, 70, 4, 0, 0, 0, 0, 0, 0, 0, 0, 0
4, DBUSER	, P60X3.5(上弦)	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, P	, 2, 60, 3.5, 0, 0, 0, 0, 0, 0, 0, 0, 0
5, DBUSER	, P70X4.0(上弦)	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, P	, 2, 70, 4, 0, 0, 0, 0, 0, 0, 0, 0, 0
6, DBUSER	, P95X5.0(上弦)	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, P	, 2, 95, 5, 0, 0, 0, 0, 0, 0, 0, 0, 0
7, DBUSER	, ZZ 300X600	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB	, 2, 600, 300, 0, 0, 0, 0, 0, 0, 0, 0, 0
8, DBUSER	, KL300X700	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB	, 2, 700, 300, 0, 0, 0, 0, 0, 0, 0, 0, 0
9, DBUSER	, 600x1000	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB	, 2, 600, 1000, 0, 0, 0, 0, 0, 0, 0, 0, 0
10, DBUSER	, P60X3.5(下弦)	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, P	, 2, 60, 3.5, 0, 0, 0, 0, 0, 0, 0, 0, 0
11, DBUSER	, KL300X800	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB	, 2, 800, 300, 0, 0, 0, 0, 0, 0, 0, 0, 0
12, DBUSER	, 800x800	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB	, 2, 800, 800, 0, 0, 0, 0, 0, 0, 0, 0, 0
13, DBUSER	, P 121x6(腹杆)	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, P	, 2, 121, 6, 0, 0, 0, 0, 0, 0, 0, 0, 0
14, DBUSER	, L 250X650	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB	, 2, 650, 250, 0, 0, 0, 0, 0, 0, 0, 0, 0
15, DBUSER	, □300x300	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, B	, 2, 300, 300, 16, 16, 284, 16, 0, 0, 0, 0, 0
16, DBUSER	, P70x4.0(下弦)	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, P	, 2, 70, 4, 0, 0, 0, 0, 0, 0, 0, 0, 0
17, DBUSER	, P60x3.5(腹杆)	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, P	, 2, 60, 3.5, 0, 0, 0, 0, 0, 0, 0, 0, 0
18, DBUSER	, P 95x5(下弦)	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, P	, 2, 95, 5, 0, 0, 0, 0, 0, 0, 0, 0, 0
19, DBUSER	, P70x4(腹杆)	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, P	, 2, 70, 4, 0, 0, 0, 0, 0, 0, 0, 0, 0
20, DBUSER	, P95x5(腹杆)	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, P	, 2, 95, 5, 0, 0, 0, 0, 0, 0, 0, 0, 0
21, DBUSER	, TZ1 300X900	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB	, 2, 900, 300, 0, 0, 0, 0, 0, 0, 0, 0, 0
22, DBUSER	, TZ2 300X400	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB	, 2, 400, 300, 0, 0, 0, 0, 0, 0, 0, 0, 0
23, DBUSER	, KL400X800	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB	, 2, 800, 400, 0, 0, 0, 0, 0, 0, 0, 0, 0
24, DBUSER	, L 200X500	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB	, 2, 500, 200, 0, 0, 0, 0, 0, 0, 0, 0, 0
25, DBUSER	, P 60X4.0(筒壳)	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, P	, 2, 60, 4, 0, 0, 0, 0, 0, 0, 0, 0, 0
26, DBUSER	, P 121X7.0(筒壳)	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, P	, 2, 121, 7, 0, 0, 0, 0, 0, 0, 0, 0, 0
27, DBUSER	, L 250X600	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB	, 2, 600, 250, 0, 0, 0, 0, 0, 0, 0, 0, 0
28, DBUSER	, L 250X700	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB	, 2, 700, 250, 0, 0, 0, 0, 0, 0, 0, 0, 0
29, DBUSER	, KL 400X900	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB	, 2, 900, 400, 0, 0, 0, 0, 0, 0, 0, 0, 0
30, DBUSER	, L 200X400	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB	, 2, 400, 200, 0, 0, 0, 0, 0, 0, 0, 0, 0
31, DBUSER	, L 100x100	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB	, 2, 100, 100, 0, 0, 0, 0, 0, 0, 0, 0, 0
32, DBUSER	, HM 244x175x7/11(筒壳顶)	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, H	, 1, GB-YB, HM 244x175x7/11
33, DBUSER	, P121x6(下弦)	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, P	, 2, 121, 6, 0, 0, 0, 0, 0, 0, 0, 0, 0
34, DBUSER	, P 121x6(上弦)	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, P	, 2, 121, 6, 0, 0, 0, 0, 0, 0, 0, 0, 0
35, DBUSER	, KL 800x400	, CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB	, 2, 400, 800, 0, 0, 0, 0, 0, 0, 0, 0, 0

截面实例

(1)MIDAS Gen 转换为其它结构程序的原理(文本方式)

```
*THICKNESS      : Thickness
: iTHK, TYPE, bSAME, THIK-IN, THIK-OUT      : TYPE=VALUE
: iTHK, TYPE, SUBTYPE, RPOS, WEIGHT          : TYPE=STIFFENED, SUBTYPE=VALUE
:      SHAPE, THIK-IN, THIK-OUT, HU, HL      : for yz section
:      SHAPE, THIK-IN, THIK-OUT, HU, HL      : for xz section
: iTHK, TYPE, SUBTYPE, RPOS, PLATETHIK      : TYPE=STIFFENED, SUBTYPE=USER
: bRIB {, SHAPE, DIST, SIZE1, SIZE2, ..., SIZE6} : for yz section
: bRIB {, SHAPE, DIST, SIZE2, SIZE2, ..., SIZE6} : for xz section
: iTHK, TYPE, SUBTYPE, RPOS, PLATETHIK, DBNAME : TYPE=STIFFENED, SUBTYPE=DB
: bRIB {, SHAPE, DIST, SNAME}                : for yz section
: bRIB {, SHAPE, DIST, SNAME}                : for xz section
1, VALUE, YES, 100, 0
2, VALUE, YES, 120, 0
3, VALUE, YES, 150, 0
4, VALUE, YES, 300, 0
```

面截面属性信息

```
*STORY          : Story
: NAME, LEVEL, bFLDIAP, WINDWX, WINDWY, WINDCX, WINDCY, \
:      ECCX, ECCY, IECCX, IECCY, IAFX, IAFY
B1 , -1500, NO , 65300, 49100, 32650, 23550, 3265, 2455, 0, 0, 1, 1
1F , 0, YES, 65300, 49100, 32650, 23550, 3265, 2455, 0, 0, 1, 1
2F , 3800, YES, 67800, 43700, 34650, 23550, 3465, 2455, 0, 0, 1, 1
3F , 8000, YES, 67800, 43700, 33900, 26250, 3390, 2185, 0, 0, 1, 1
4F , 12200, YES, 54400, 43700, 34400, 26250, 3440, 2185, 0, 0, 1, 1
5F , 16400, YES, 54400, 43700, 27200, 26250, 2720, 2185, 0, 0, 1, 1
6F , 20145, YES, 54400, 43700, 27200, 26150, 2720, 2185, 0, 0, 1, 1
```

楼层线划分

```
*CONSTRAINT      : Supports
: NODE_LIST, CONST(Dx,Dy,Dz,Rx,Ry,Rz), GROUP
47to92 94 96 98 1551to1553 1672 1829, 111111,
```

节点约束

(1)MIDAS Gen结构模型的信息内容总述

结点

结点约束

结点荷载

框架单元

框架截面

梁柱荷载

面单元

面单元截面

面荷载

材料属性

楼层划分

(2)MIDAS Gen自身转导程序功能的介绍



MIDAS/Gen MGT 文件(G)...
AutoCAD DXF 文件(D)...
SAP2000(V6, V7) 文件(P)...
SAP2000(V8) 文件...
STAAD2000 文件...
STAAD2002 文件...
MSC.Nastran 文件...
Lusas DAT 文件...

AUTOCAD DXF



(3)MIDAS Gen转换程序介绍_Midas gen to SAP2000



➤下载地址：<http://dinochen.com/article.asp?id=205>



[小记]在以前的程序上改动，直接将Midas Gen的模型转换成SAP2000 V14的S2K文件，修改一下可以转成多个版本的SAP2000。

注意以下：

(1) 荷载只导了梁均布荷载，及节点荷载，其它楼板传来的荷载没有导，可以楼板输入。

(2) 底部约束没有导，自定义

(3) 材料没有划分，一种截面对应一种材料，全统一在转换前输入，在SAP2000再进行修改。

(4) 目前能转截面为：矩形，管形，箱形，工字形，其它不能转。

(5) 补充了每一步的提示功能，死机可以复查

(3)MIDAS Gen转换程序介绍_Midas gen to SAP2000



导入结点数据 NNODE = 1962
最大结点高度 MAXZ = 32500.000
导入截面数据 NSEC = 35
导入单元数据 NELEMENT = 6523
导入材料数据 NMAT = 3
导入板截面数据 NWSEC = 4
导入荷载工况 NLOADCASE = 7
导入点荷载 NPOINTLOAD = 2742
导入均布梁荷载 NBEAMLOAD = 462

=====

已经读取mgt文件的结构内容
写入基本信息 SAP2000 V14
写入基本混凝土与钢材材料
写入节点信息
写入线单元几何信息
写入框架截面属性
写入框架单元的截面信息
写入墙板截面信息
写入墙板单元的几何信息
写入墙板单元的截面信息
写入工况类型
写入节点荷载数据
写入梁的均布荷载值

=====

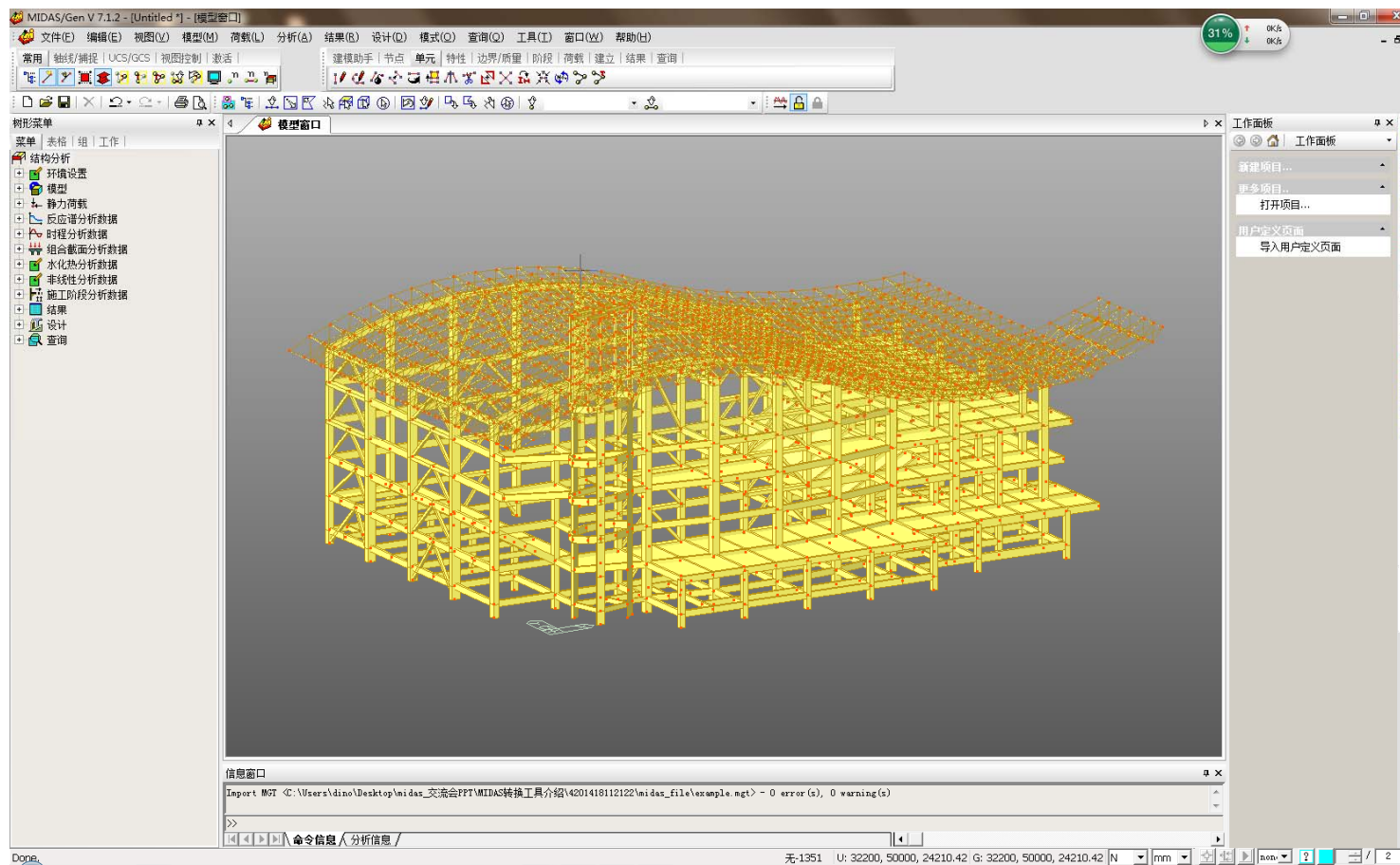
已经生成S2K文件至指定目录



(3)MIDAS Gen转换程序介绍_Midas gen to SAP2000



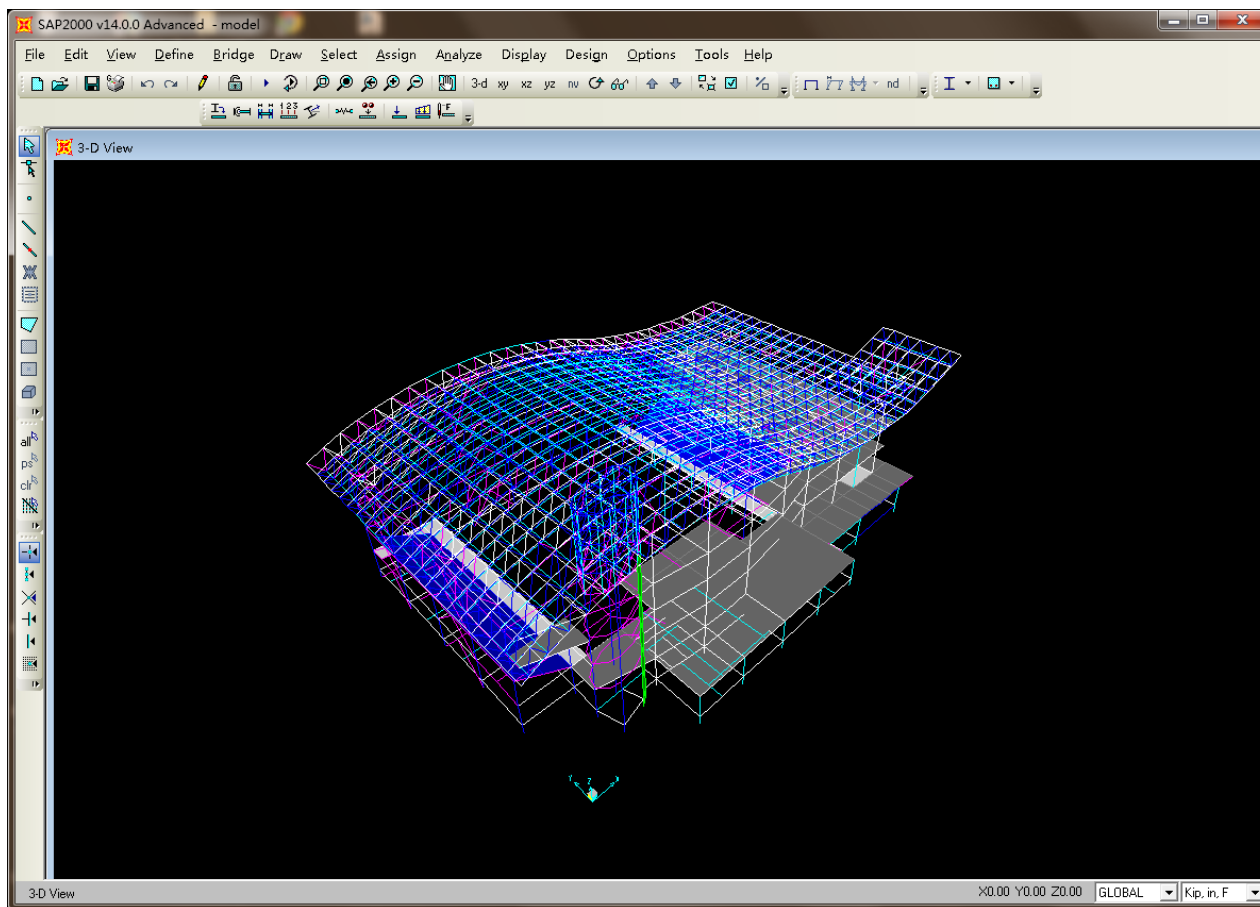
►转换程序自带的MIDAS 实例文件 mgt文件



(3)MIDAS Gen转换程序介绍_Midas gen to SAP2000



➤导入SAP2000后得到以下模型结果



(3)MIDAS Gen转换程序介绍_Midas gen to ETABS



➤下载地址：<http://dinochen.com/article.asp?id=189>



DinoBox——DinoMTE, midas 导 etabs的小程序

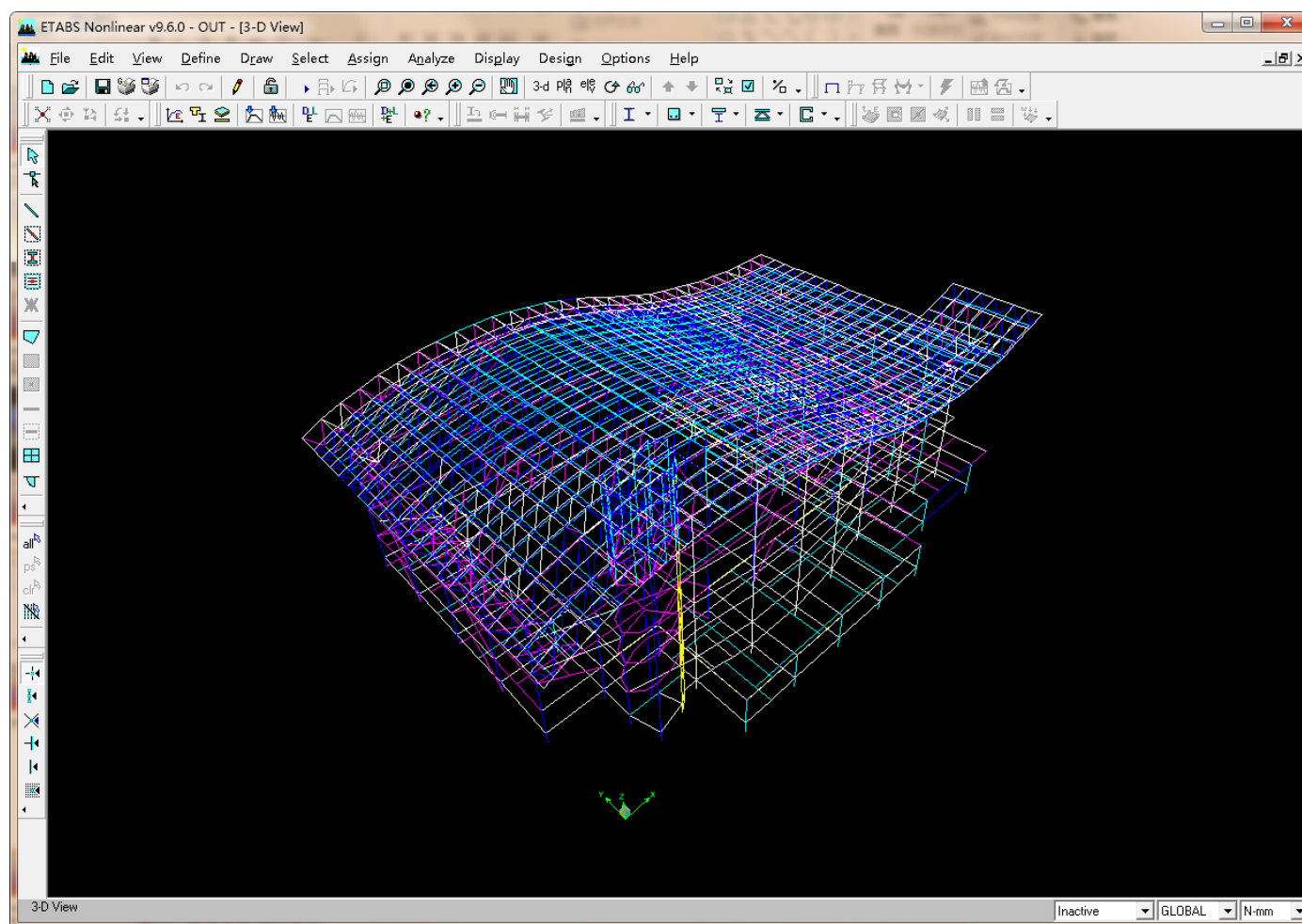
(1) 首先需要在MIDAS GEN导出结构文本文件MGT文件

(2) 打开小程序DINOMET,读取MGT,有读取进度,如果读到哪不行可以知道,大家在工程上遇到导不过去,可以帮我DEBUG一下,发展这个程序的可适用性。

(3) 导入小程序后,再点击导出ETABS的E2K文件,设定好目录位置就可以了

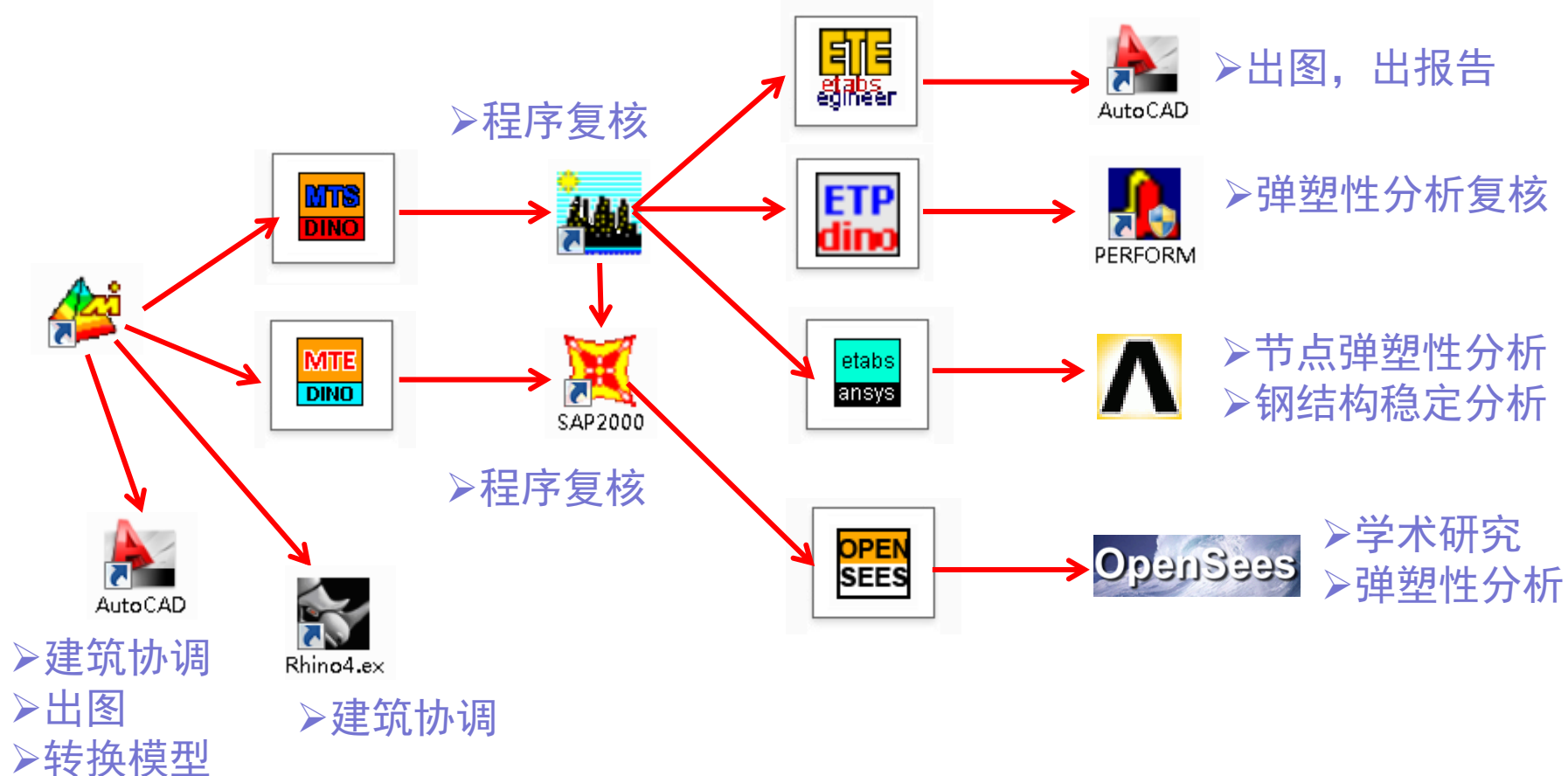
(4) 最后,在ETABS程序中,导入E2K文件就可以完成了。

(3)MIDAS Gen转换程序介绍_Midas gen to ETABS



(3) DinoBox结构转换程序汇总与计划

➤ 下载地址：<http://dinochen.com/LoadMod.asp?plugins=BlogGalleryByJinnLynn>



迈达斯建筑结构技术交流会（深圳站）



MIDAS GEN与其它结构程序的转换原理及应用

转换程序可在www.dinochen.com, **DinoBox** 免费下载!

博主 主页 笔记 日志 研究 论文 编程 工程 共享 OpenSEES **DinoBox** 捐助 留言板 公开信

since 2007 **dinochen.com** 陈学伟的博客

DinoBox

ETABS TO PERFORM-3D
Author: dinochen1983
Time: 2023-12-31

DinoETE_Etabs后处理
Author: dinochen1983
Time: 2023-12-27

DinoMTS,Midas to Sap2k转换程序
Author: dinochen1983
Time: 2023-12-08

My Program

结构程序

ETABS TO PERFORM-3D
Author: dinochen1983
Time: 2023-12-31

DinoETE_Etabs后处理
Author: dinochen1983
Time: 2023-12-27

DinoMTS,Midas to Sap2k转换程序
Author: dinochen1983
Time: 2023-12-08

Midas Gen to Etabs
Author: dinochen1983
Time: 2023-10-17

DinoBox_钢柱轴压计算
Author: dinochen1983
Time: 2014-03-28

ETO_OpenSEES前后处理程序
Author: dinochen1983
Time: 2014-03-26

DinoBox_组合板设计
Author: dinochen1983
Time: 2014-03-26

Dino_Etabs to ansys转换程序
Author: dinochen1983
Time: 2014-01-21

DinoBox_钢梁受弯计算
Author: dinochen1983
Time: 2014-01-05

DinoBox_钢柱脚节点
Author: dinochen1983
Time: 2014-01-04

WindHist_风振时程
Author: dinochen1983
Time: 2013-12-26

PKPM to SAFE
Author: dinochen1983
Time: 2013-10-19

目录(Category)

dinochen1983的QQ与微博

博主介绍(About DinoChen)
全部日志(Hompage See All)
软件笔记(Software Notebook)
我的日记(My Little Diary)
研究项目(Research Projects)
研究论文(Research Papers)
自编程序(Technology and Skill)
工程实例(Structural Engineering)
共享资料(My Share Files)
工程软件(DinoBox Program)
OpenSEES教程(Tutorial)
留言板(Guestbook for you)

日历(Calendar)

2014年5月

日	一	二	三	四	五	六
					1	
					2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

交换链接, 请给我EMAIL!

客[01]. 脚踏实地, 心在飞翔
[02]. 王斌的建筑工程博客
[03]. 种菜编程盖房子研习中医
[04]. 冲令狐_结构工程师的太极人生
[05]. 结构人生_心灵港湾_半支烟
[06]. 每天进步一点点



迈达斯建筑结构技术交流会（深圳站）



dinochen.com



WSP

MIDAS GEN与其它结构程序的转换原理及应用

谢谢聆听
Thanks for Your Attention

WSP HONG KONG LTD.

Associate

Dr. Chen Xuewei