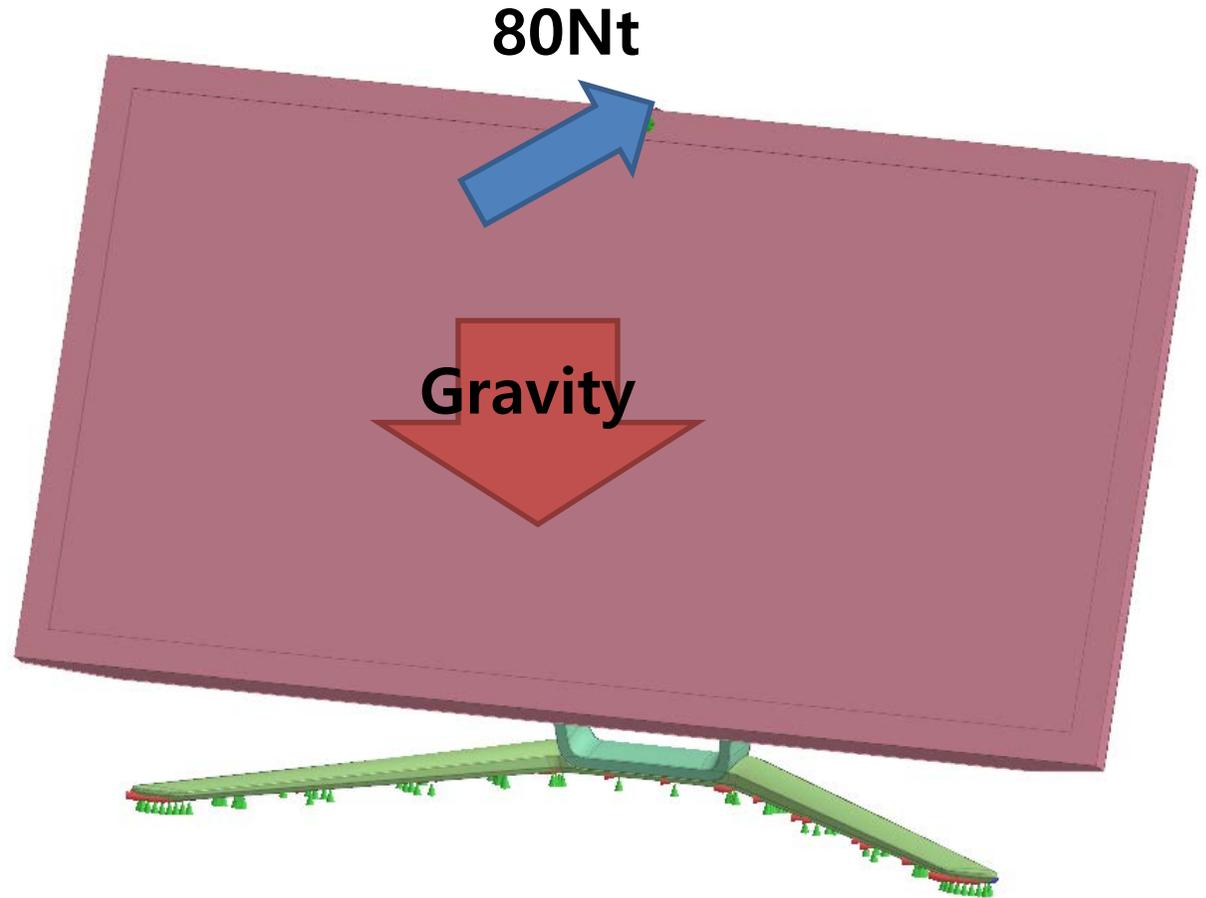




螢幕支撐架_強度分析

Simple, but Everything.



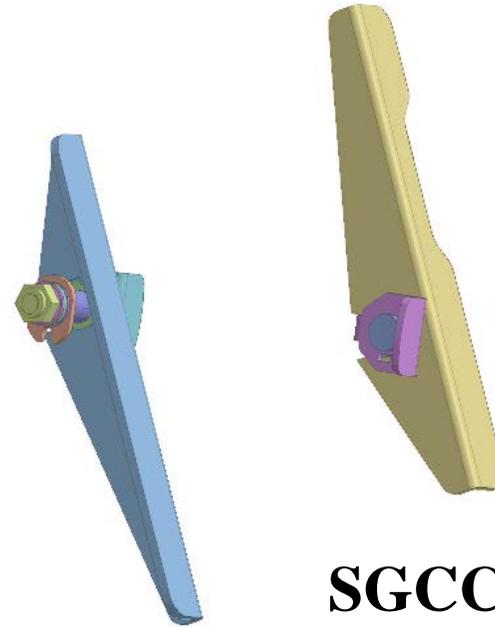
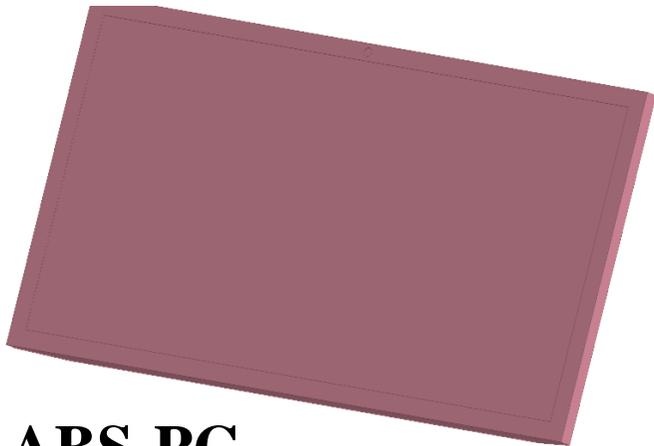


固定X,Y,Z

ALDC 12



ABS-PC



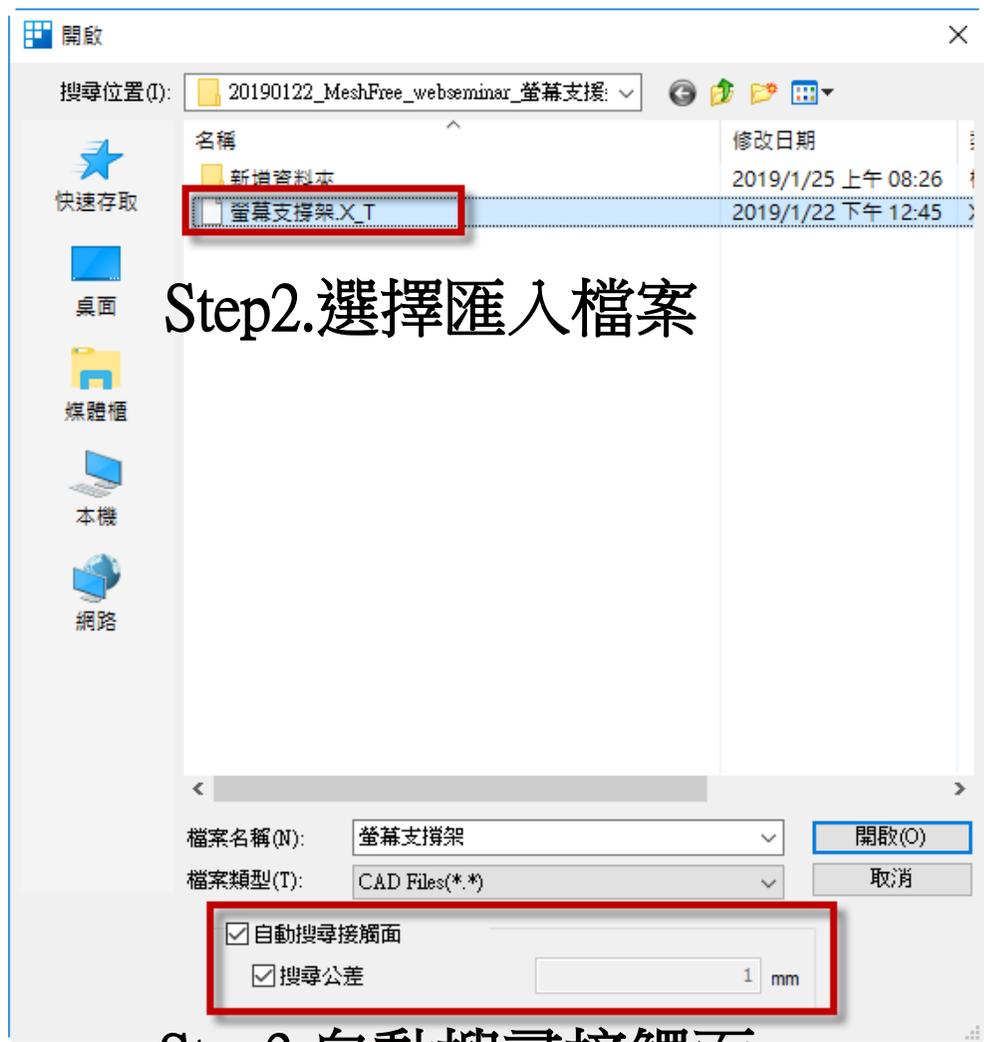
SGCC



Step1.匯入3D 模型

MeshFree支援各類CAD 格式

- Parasolid (9 - 29) Files (*.x_t;*.xmt_txt;*.x_b;*.xmt_bin)
- ACIS (R1 - 2017 1.0) Files (*.sat;*.sab;*.asat;*.asab)
- STEP (AP203, AP214, AP242) Files (*.stp;*.step)
- IGES (Up to 5.3) Files (*.igs;*.iges)
- Pro-E (16 - Cren 3.0) Files (*.prt;*.prt.*;*.asm;*.asm.*)
- CATIA V4 (CATIA 4.1.9 - 4.2.4) Files (*.model;*.exp;*.session)
- CATIA V5 (V5R8 - V5-6R2016) Files (*.CATPart;*.CATProduct)
- Solid Works (98 - 2017) Files (*.sldprt;*.sldasm)
- Unigraphics (11 - NX11) Files (*.prt)
- Inventor Part (V6 - V2017) Files (*.ipt)
- Inventor Assembly (V11 - V2017) Files (*.iam)
- Solid Edge (V18 - ST9) Files (*.par;*.asm;*.psm)



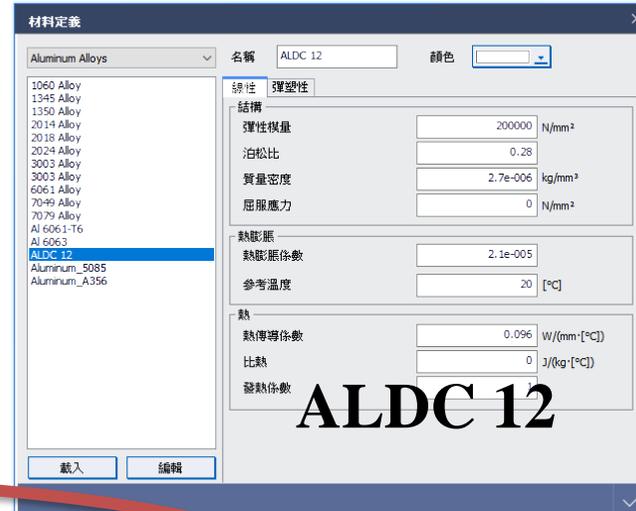
Step2.選擇匯入檔案

Step3.自動搜尋接觸面

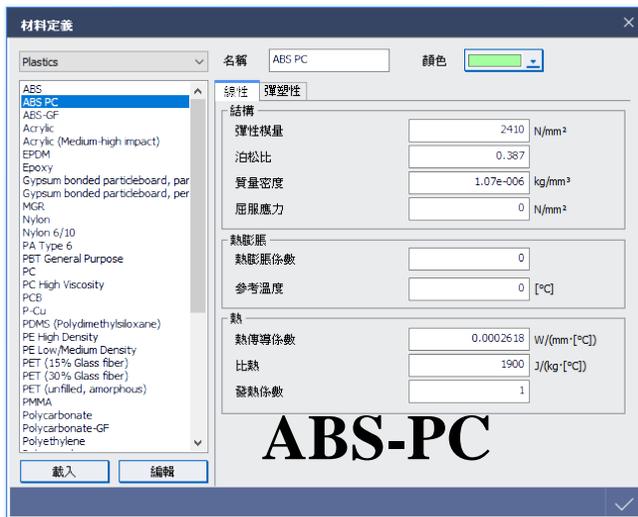
註:預設接觸類型為焊接接觸



新增材料 (ALDC12/ABS-PC/SGCC)



ALDC 12



ABS-PC



SGCC

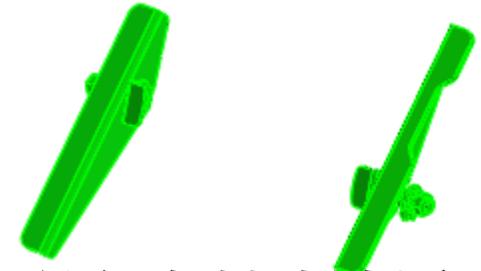


選取底座和支架



滑鼠右鍵, 材料定義

其它零件



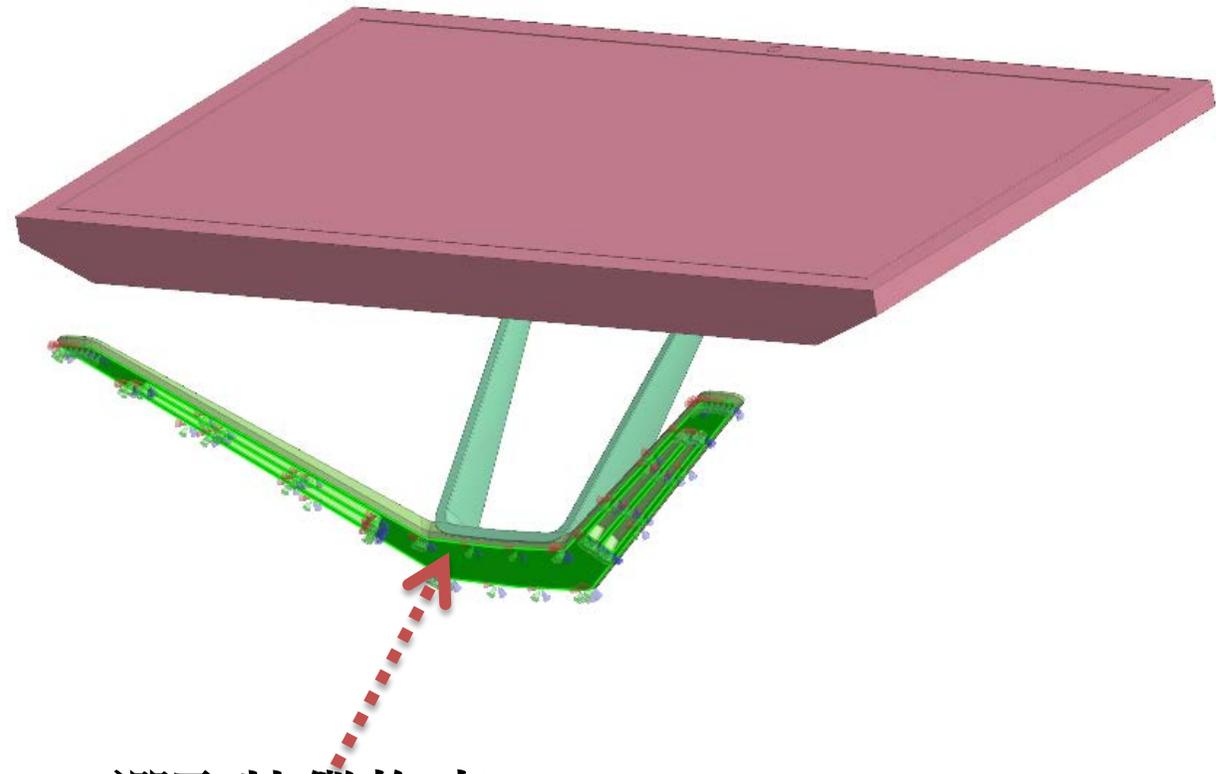
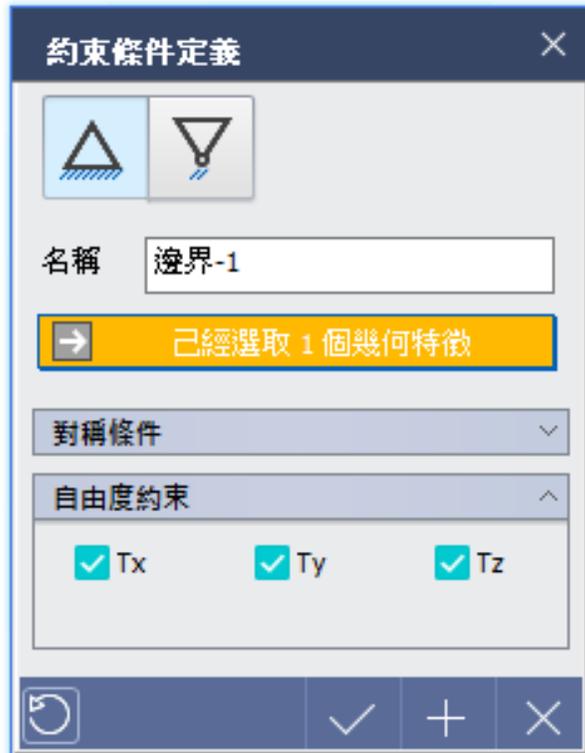
滑鼠右鍵, 材料定義

選取螢幕

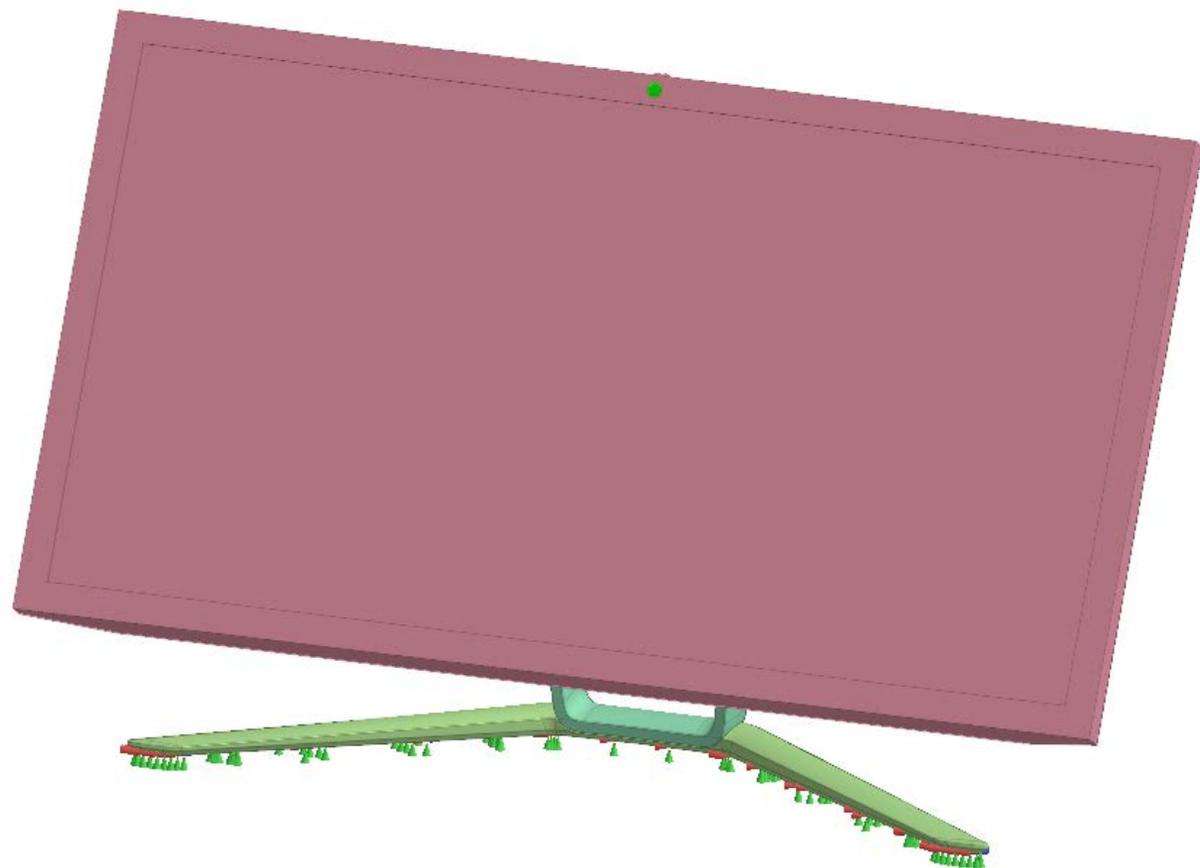
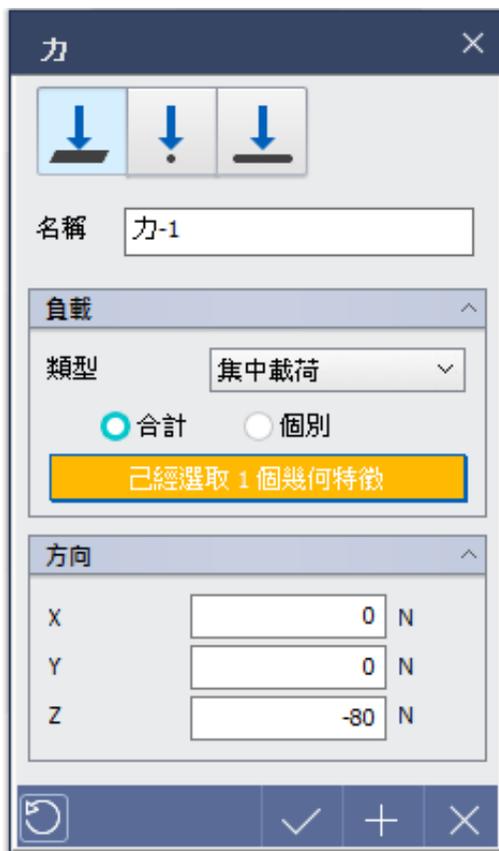


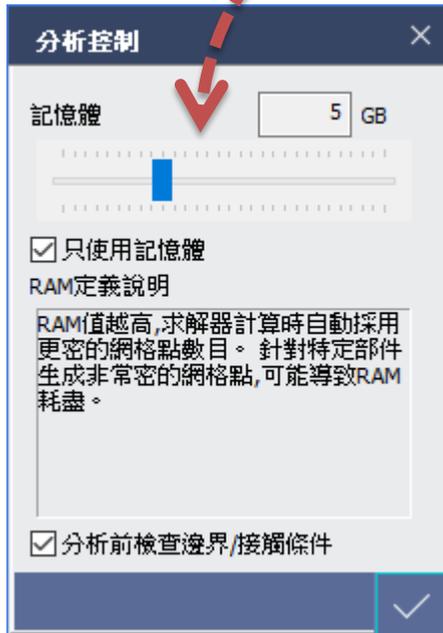
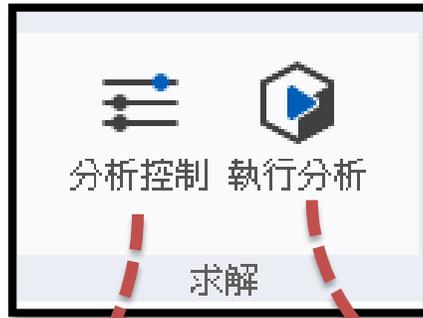
滑鼠右鍵, 材料定義





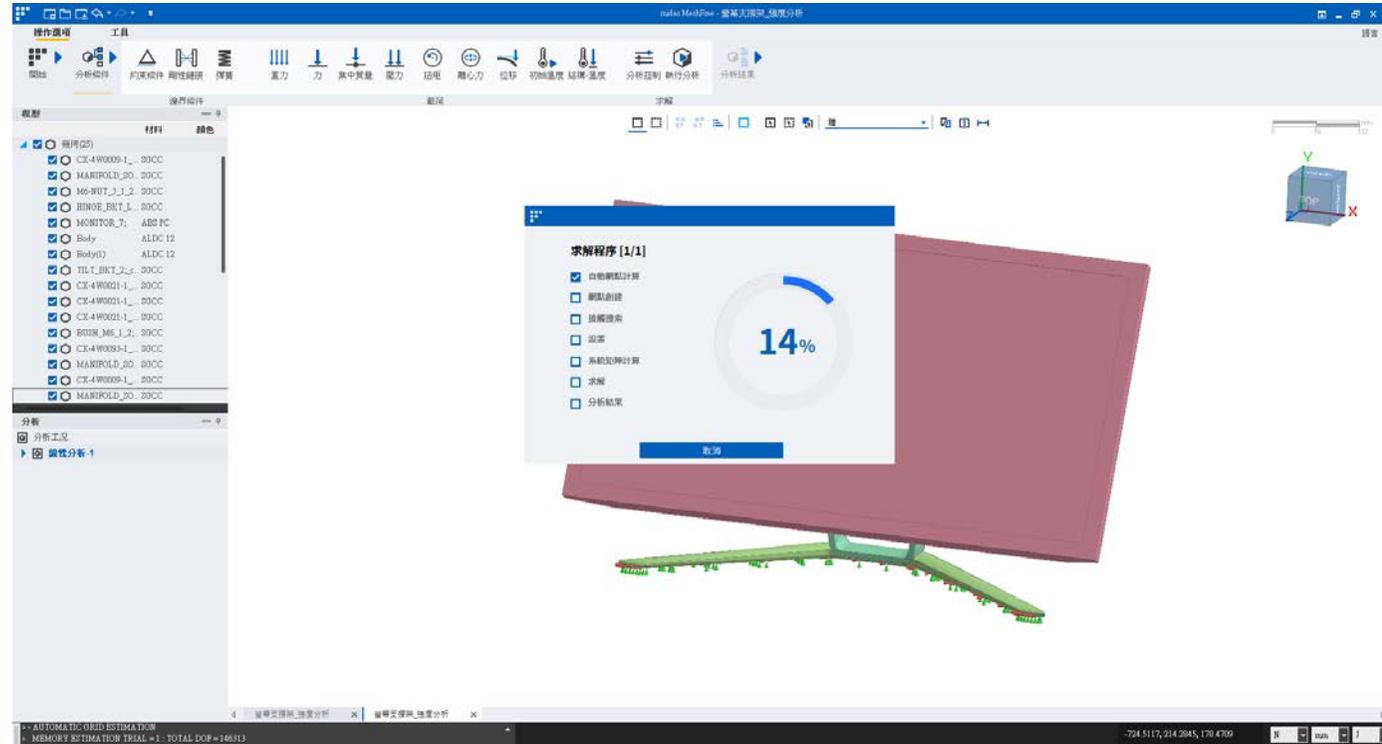
選取特徵拘束





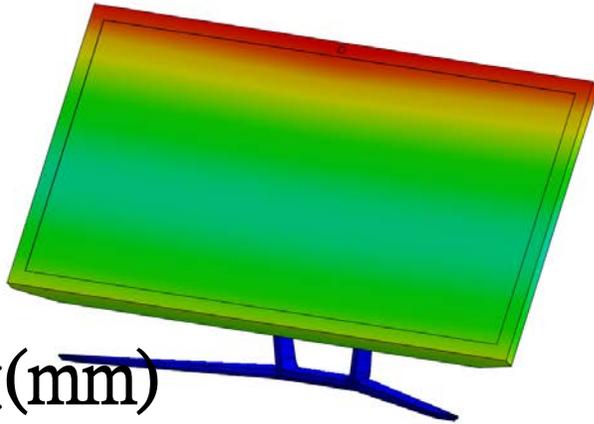
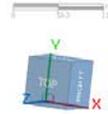
記憶體大小
1.計算速度
2.分析準確性

分析時間495.922ec
(採5G Ram)



```
[SYSTEM INFO]
NUMBER OF THREADS : 8
MAXIMUM MEMORY USAGE : 6106 MB
AVAILABLE MEMORY : 11872 MB
TOTAL CPU TIME : 495.922 sec
WALL CLOCK TIME : 150.131 sec
TOTAL WARNINGS : 0
```

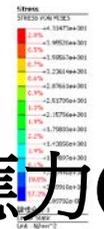
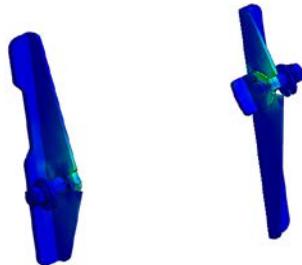
分析類型 線性分析-1
結果 DISPLACEMENT-XYZ



變形量(mm)



分析類型 線性分析-1
結果 STRESS-VONMISES



應力(MPa)

分析類型 線性分析-1
結果 STRESS-VONMISES

