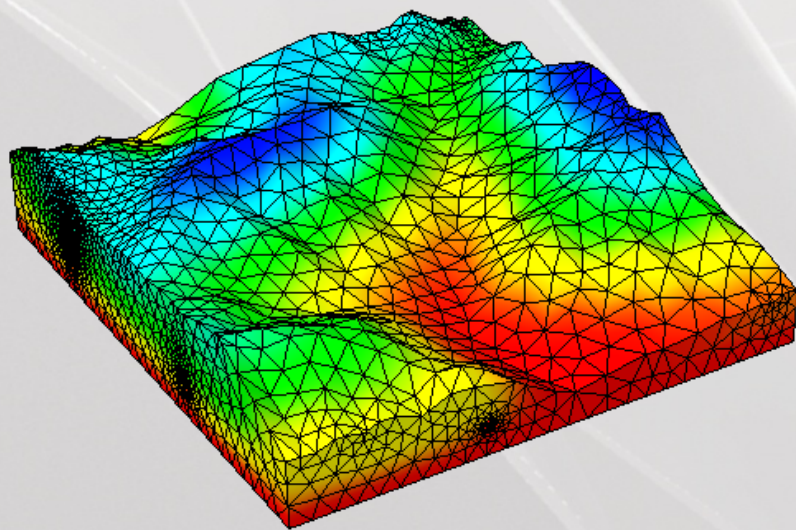
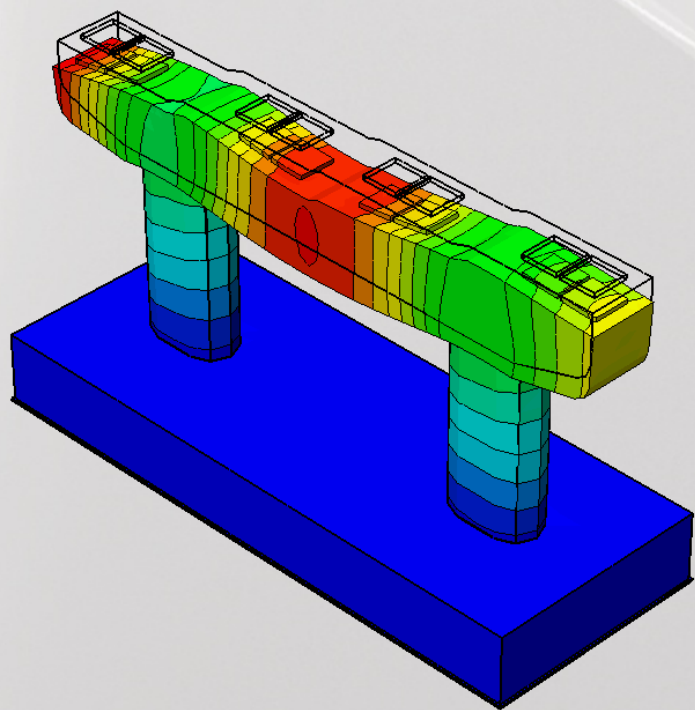


產品設計導向分析軟體

建築土木工程應用

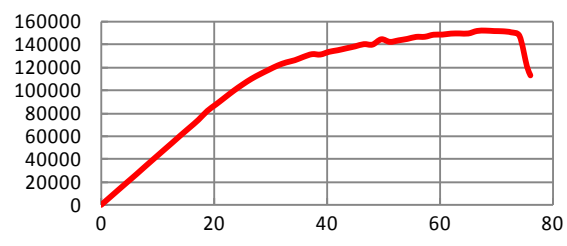
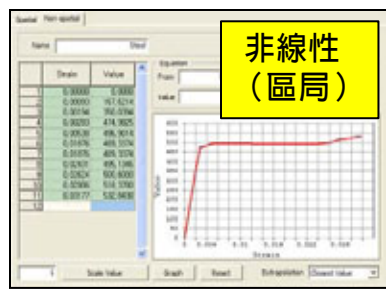
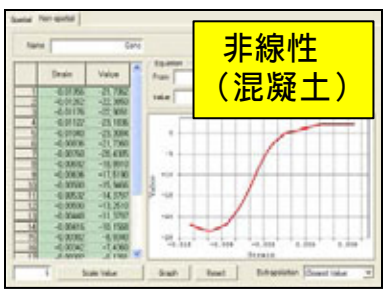
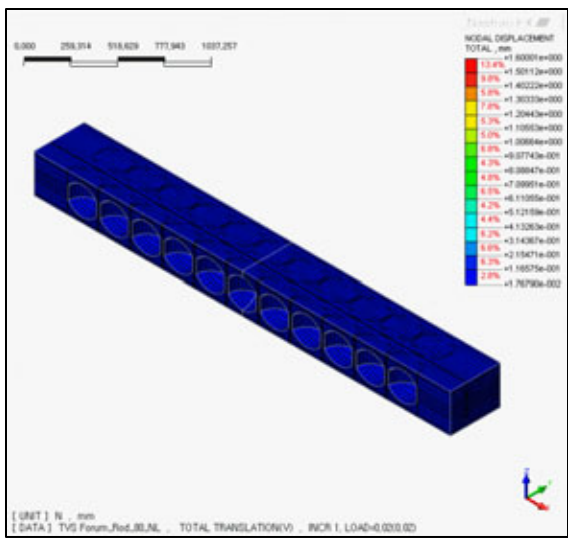
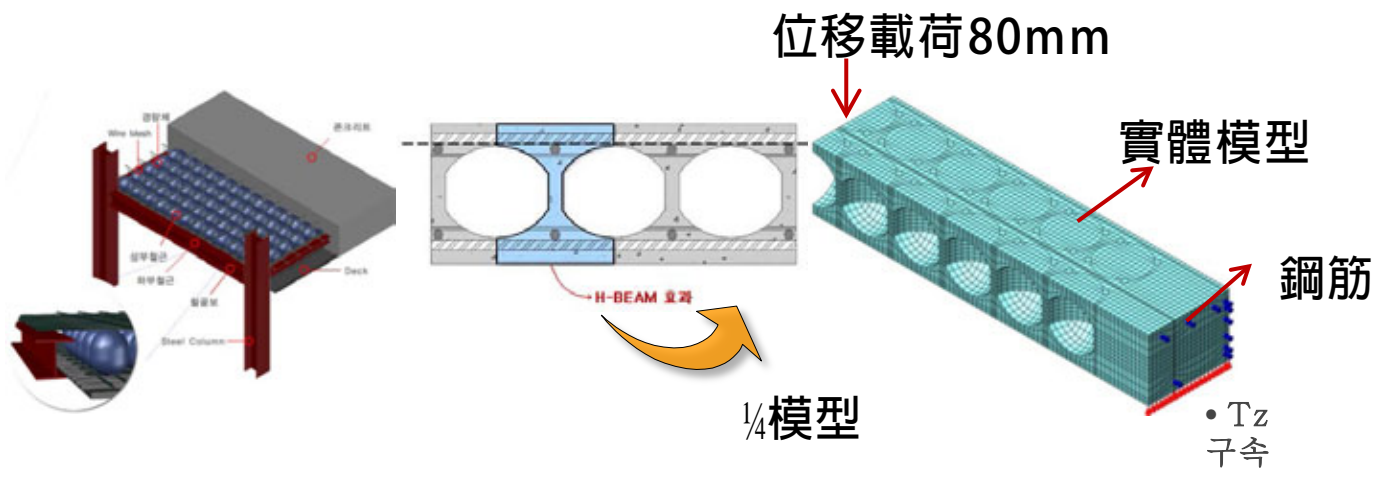


midas NFX

鋼筋混凝土梁強度分析

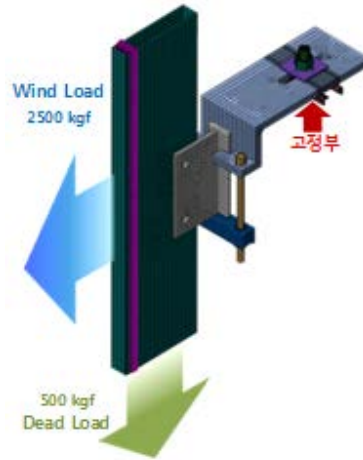
midas **NFX**

—分析模型

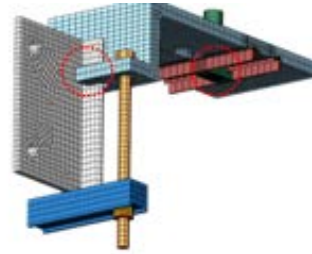


midas **NFX**

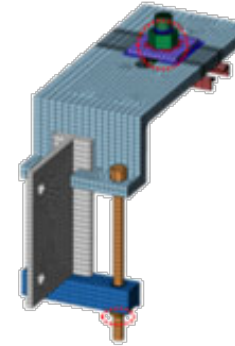
一分析模型



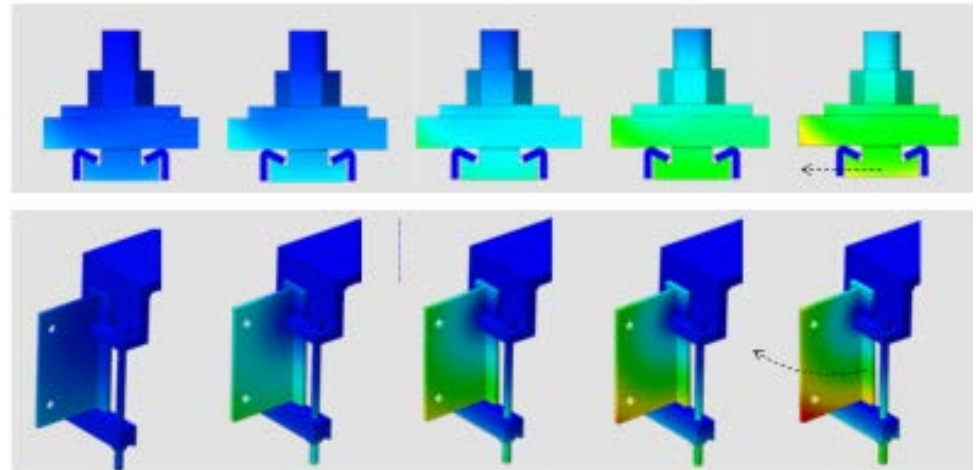
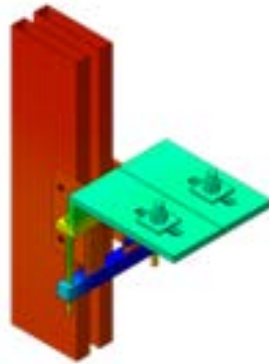
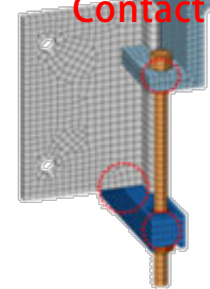
Sliding Contact



Weld Contact

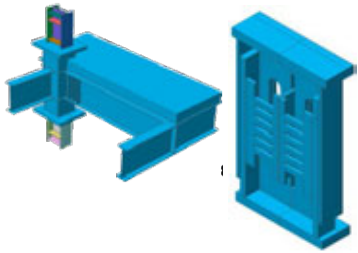


General Contact

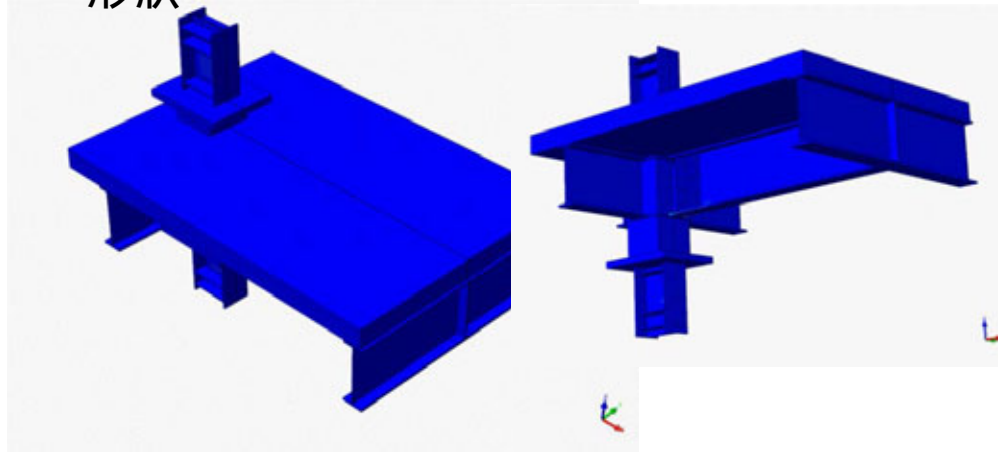


midas **NFX**

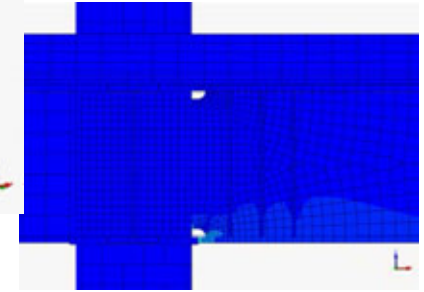
—分析模型



形狀



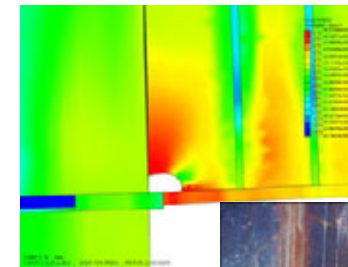
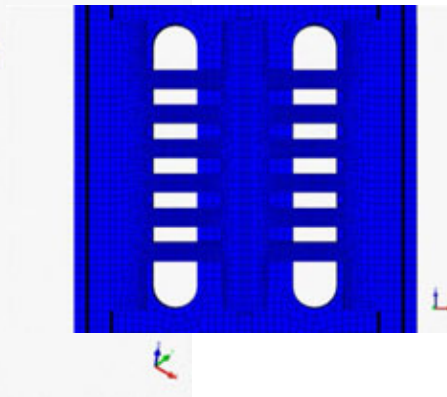
Joint應力分佈



應變



應力分佈



實驗結果比較

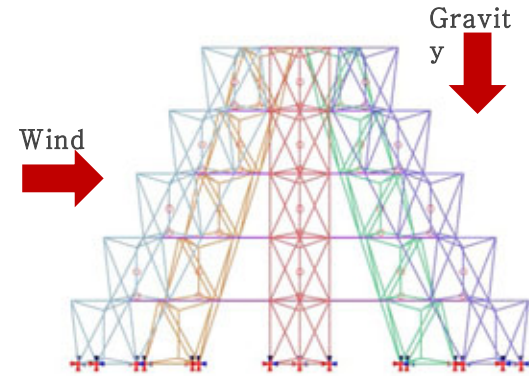
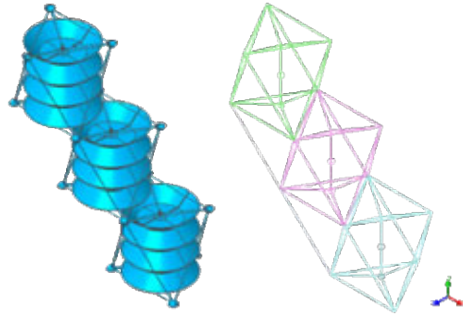
風力發電機組支架結構安全性評估

midas **NFX**

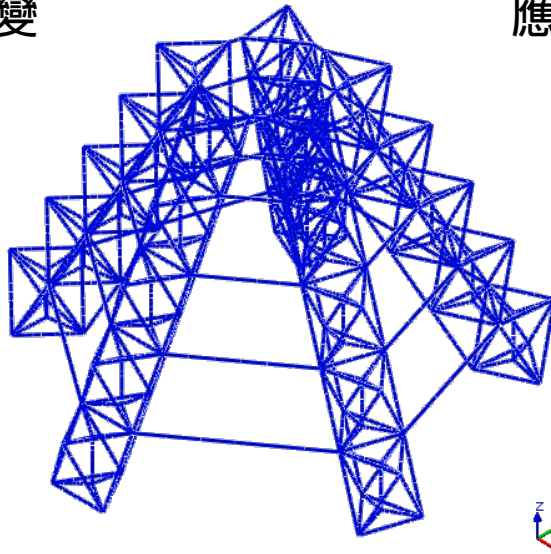
一 分析模型



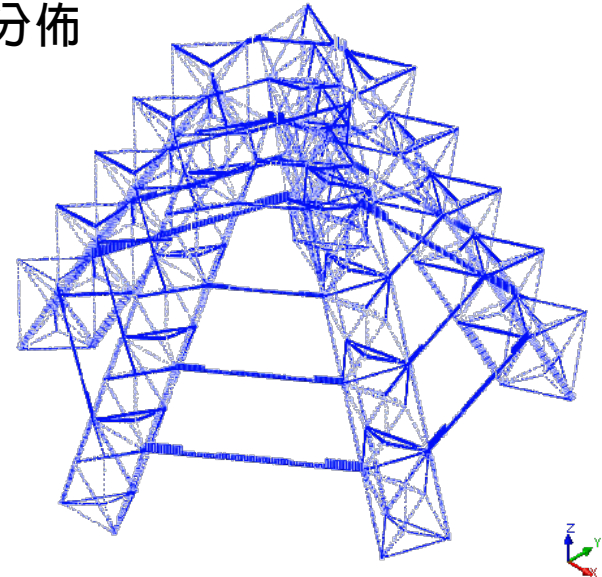
分析模型



應變

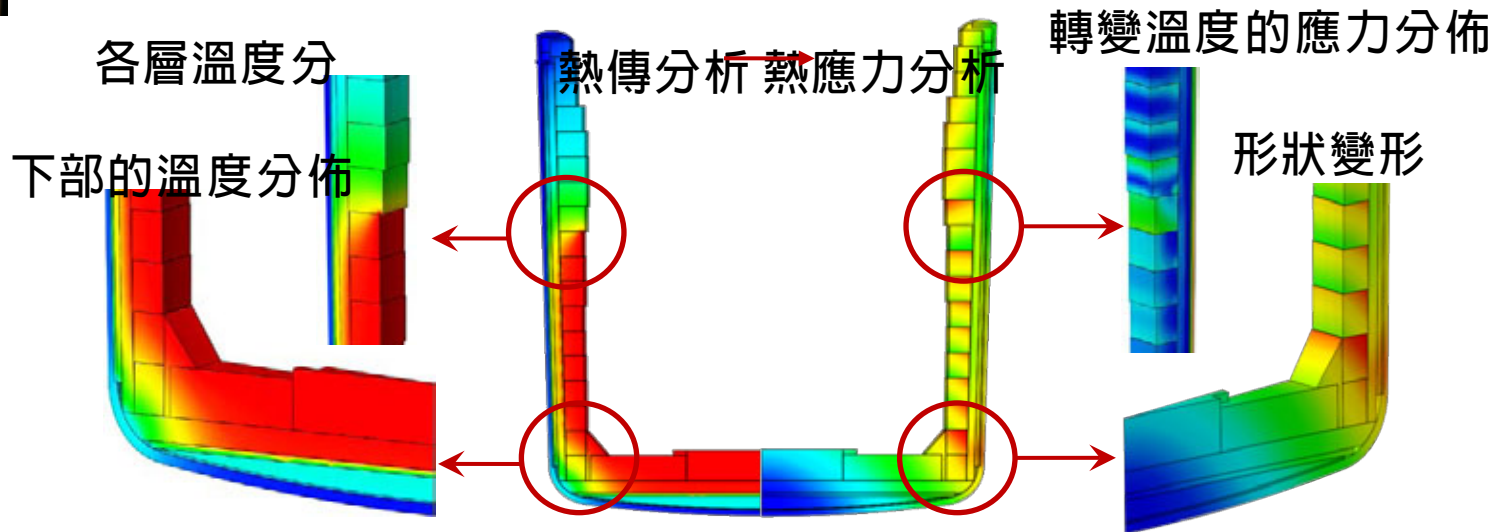
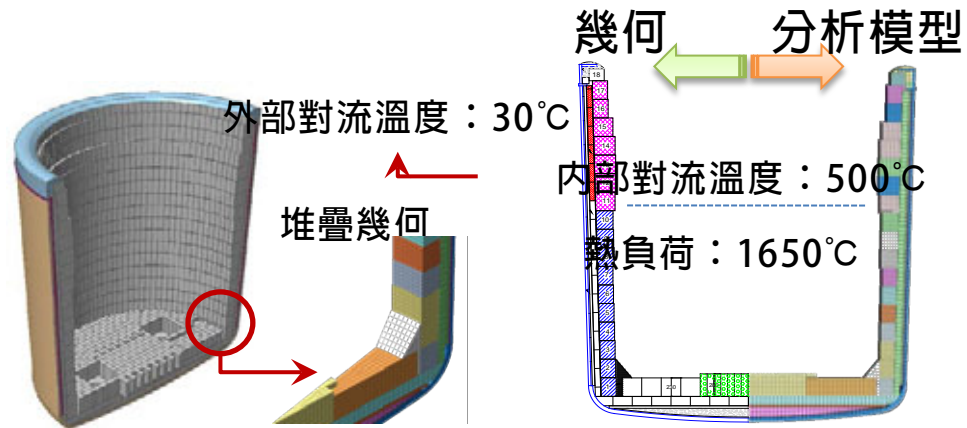


應力分佈



midas **NFX**

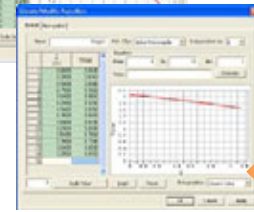
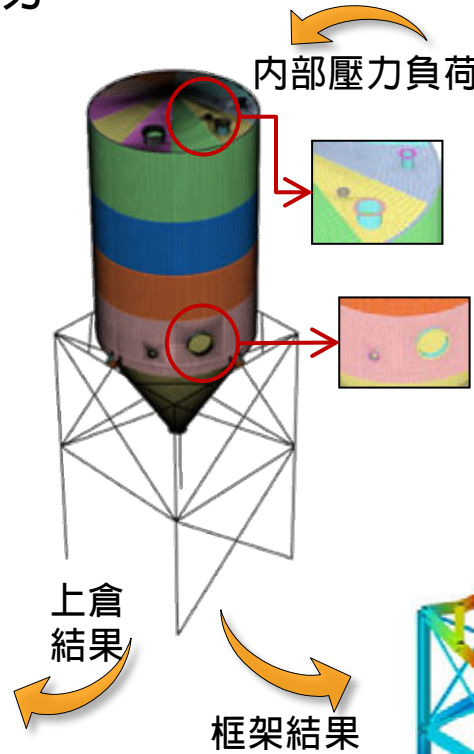
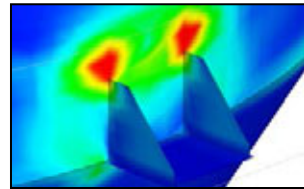
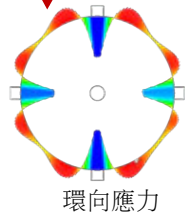
一 分析模型



midas **NFX**

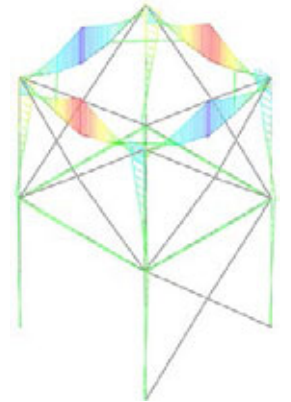
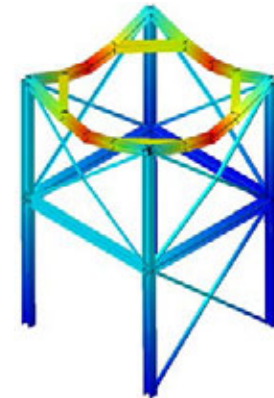
筒倉變形和應力分佈

一 分析模型



使用函數定義負載

$$q = \frac{\gamma R}{\mu' k} [1 - e^{-\mu' k Y / R}]$$
$$q = p \sin^2 \beta + q \cos^2 \beta$$



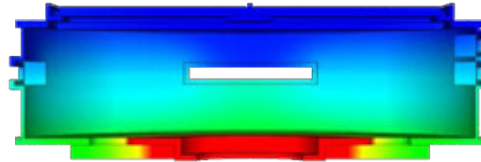
真空室結構安全耐久性分析

midas **NFX**

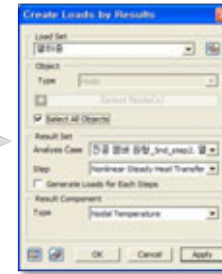
—分析模型



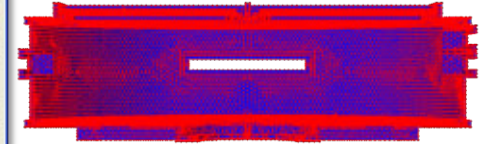
熱傳分析



內部溫度分佈



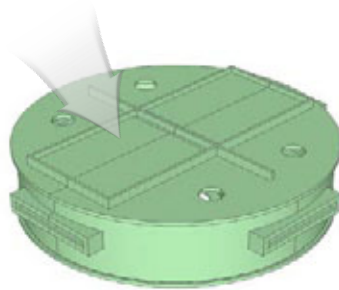
產生的溫度熱負荷



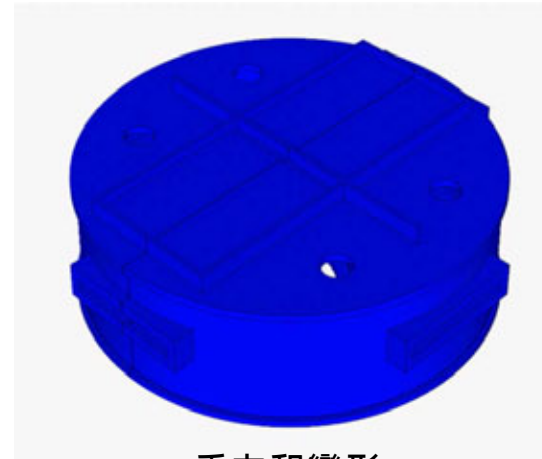
轉換成熱負荷

熱應力分析

輸入熱負荷



重力和變形



最大位移: 460 μm

確定結構的穩定性