



勢流科技

SIEMENS

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Flotherm XT W11010 解決方法



-  Ethan Chen
-  CAE Division/CAE Engineer
-  ethan@flotrend.com.tw



前言

• Challenge:

- Flotherm XT的CAD端是鑲嵌在SolidWorks底下，對於模型的處理有很好的靈活度，但使用者在建立part件時，很常會參考其他part件的面或特徵作為參照，而在建模過程中可能由於被參照的物件被隱抑 (suppress)，而造成Flotherm XT在求解時會跳出W11010 — Component has unresolved external references. This may lead to undesirable effects.的警告

• Solution:

- 本文件將會介紹在SolidWorks端確認物件參照的方法，並排除W11010的Warning.



• Benefit:

- W11010的warning對於模擬結果不會有影響，對於複雜模型而言，過多的W11010造成message資訊過多，影響對於其他資訊的判讀



Warning W11010排除方法

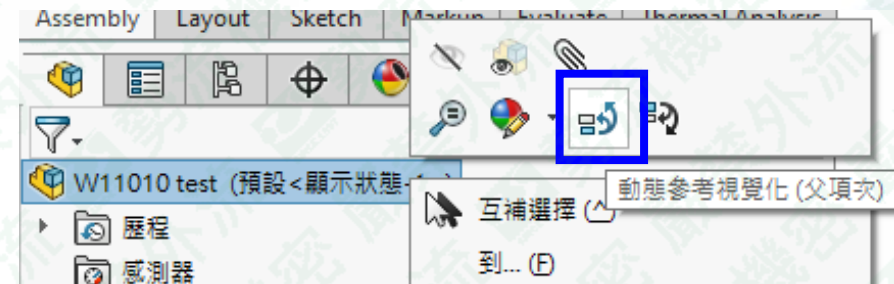
1. Flotherm XT會顯示參照遺失的物件及該物件所在的 assembly

	W11010	Component has unresolved external references. This may lead to undesirable effects.	W11010 test	W11010 test
	W11010	Component has unresolved external references. This may lead to undesirable effects.	Part2^W11010 test-1	Part2^W11010 test-1

assembly

part

2. 先找出遺失參照的物件，在該物件的 assembly 點選右鍵，點選”動態參考視覺化”(Dynamic Reference Visualization (Parent))



Warning W11010排除方法

3. 此時點選參照遺失物件或草繪可以確認該遺失參照的草繪或物件是依照哪個物件作為參照(fig.(a)(b))

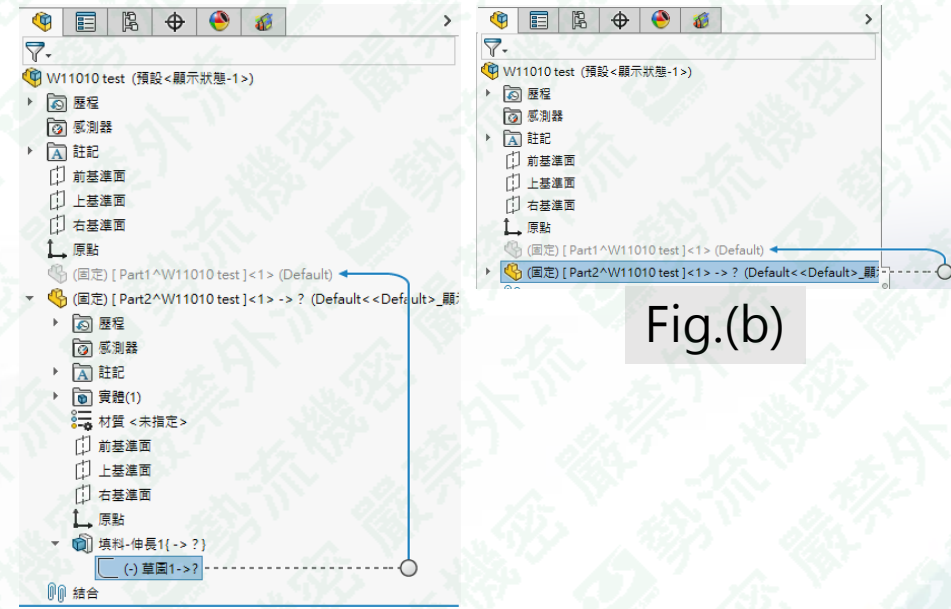


Fig.(b)

4. 有兩個方法可以解決參照遺失問題：

A. 建立新的平面或特徵，編輯”草圖平面”，選用新的平面作為參照(fig.(c))

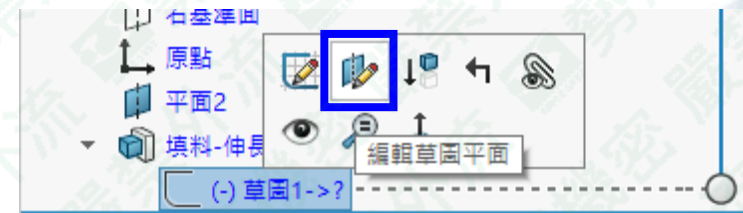


Fig.(c)



Warning W11010排除方法

- B. 對參照遺失物件點選右鍵，選擇”外部參考”(fig.(c))，點選”全部斷開”(fig(d))

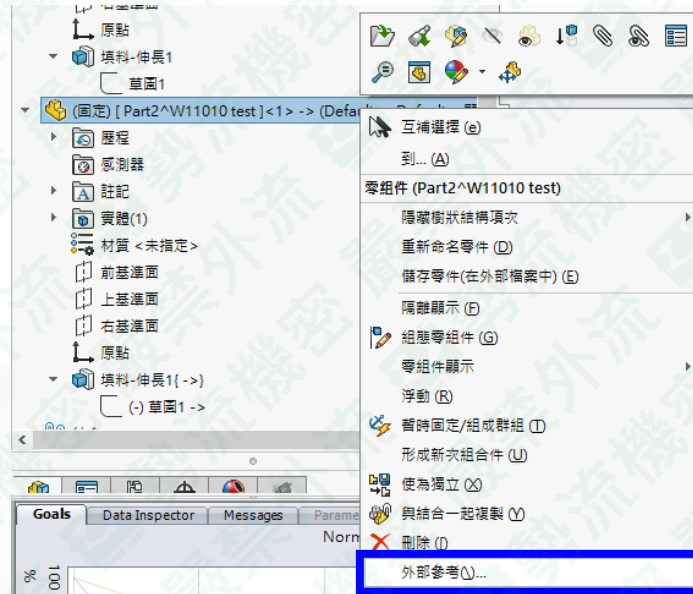


Fig.(c)

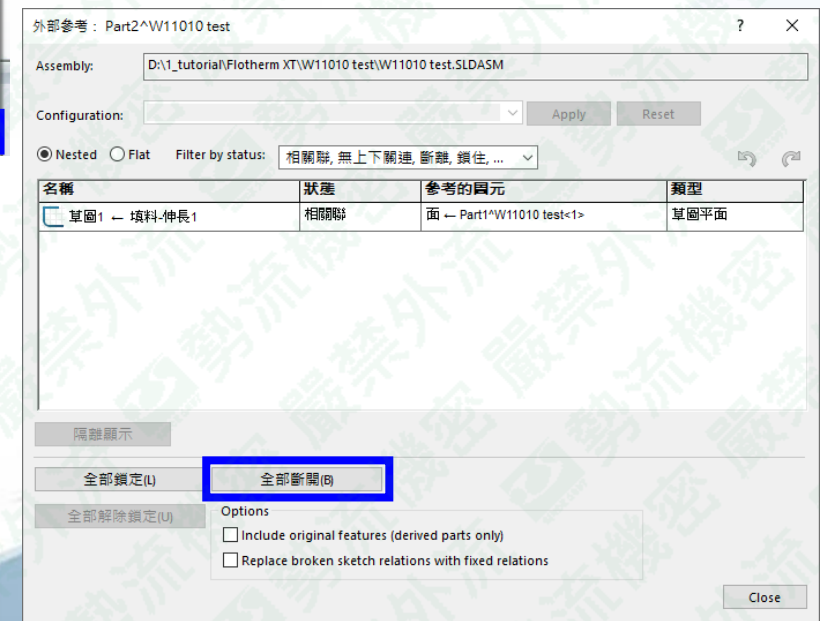
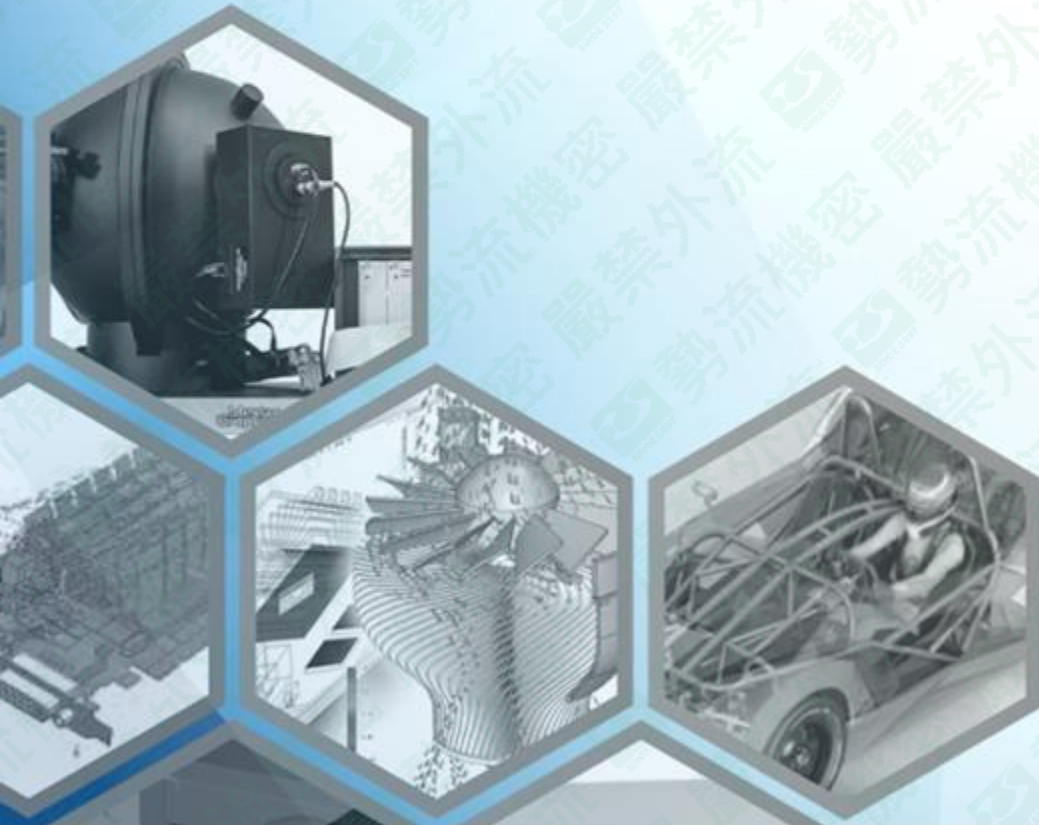


Fig.(d)

- 使用以上兩可手法可以解決Flotherm XT求解時跳W11010的Warning的問題

Thank you for your attention.



- 👤 Ethan Chen
- ✉️ ethan@flotrend.com.tw
- ☎️ 02-27266269 Ext : 123
- 📍 CAE Division/CAE Engineer
- 🏠 台北市信義區忠孝東路五段550號13樓

