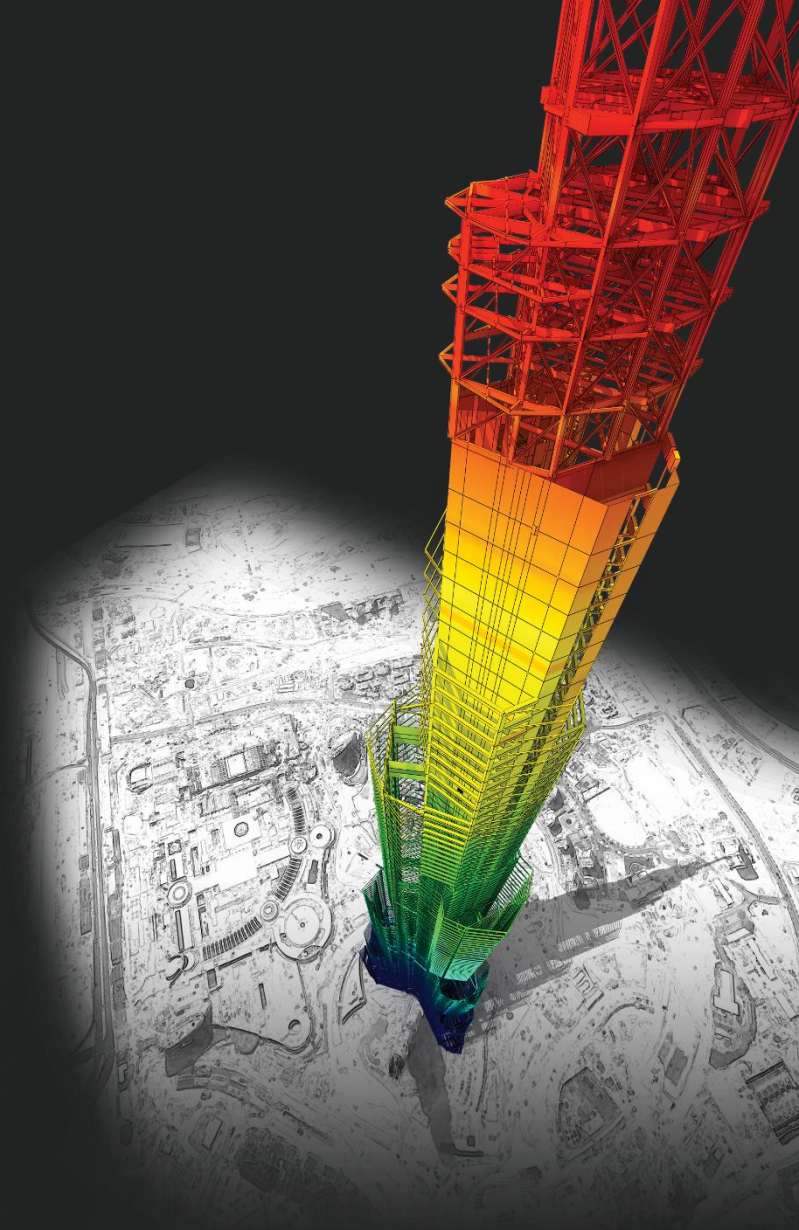




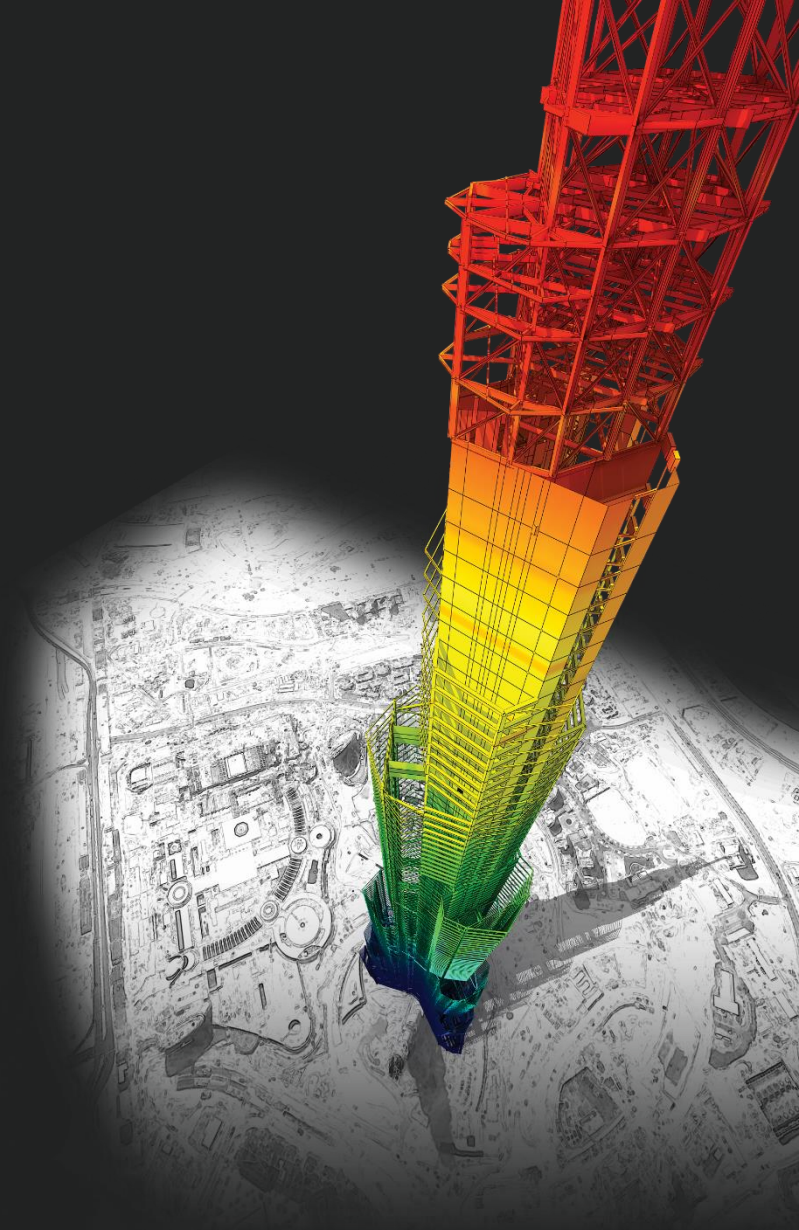
Load Projection 的效果



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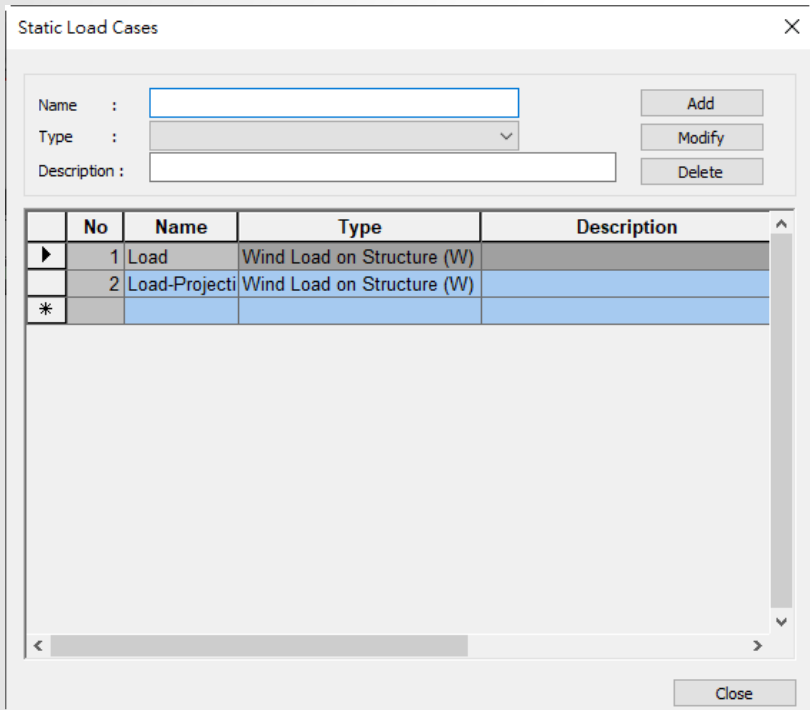
Midas Gen 設定



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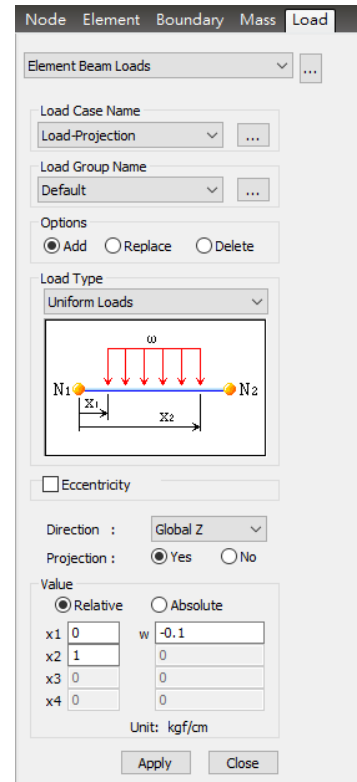
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- 1 輸入兩個載種：
1. Load (Projection : No)
 2. Load-Projection (Projection : Yes)



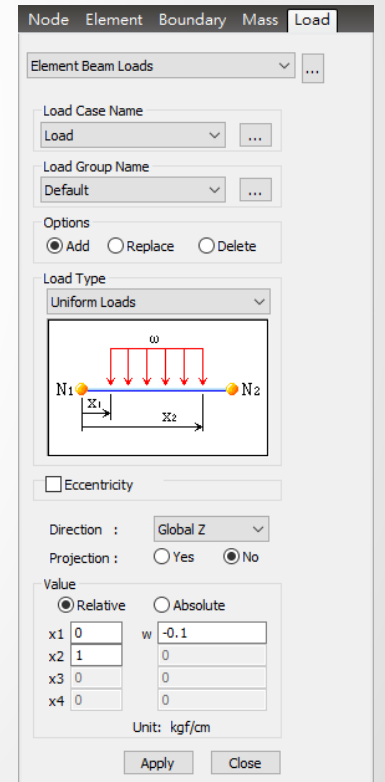
- 2 用 Element Beam Load (Load > Beam Load > Element Beam Load)

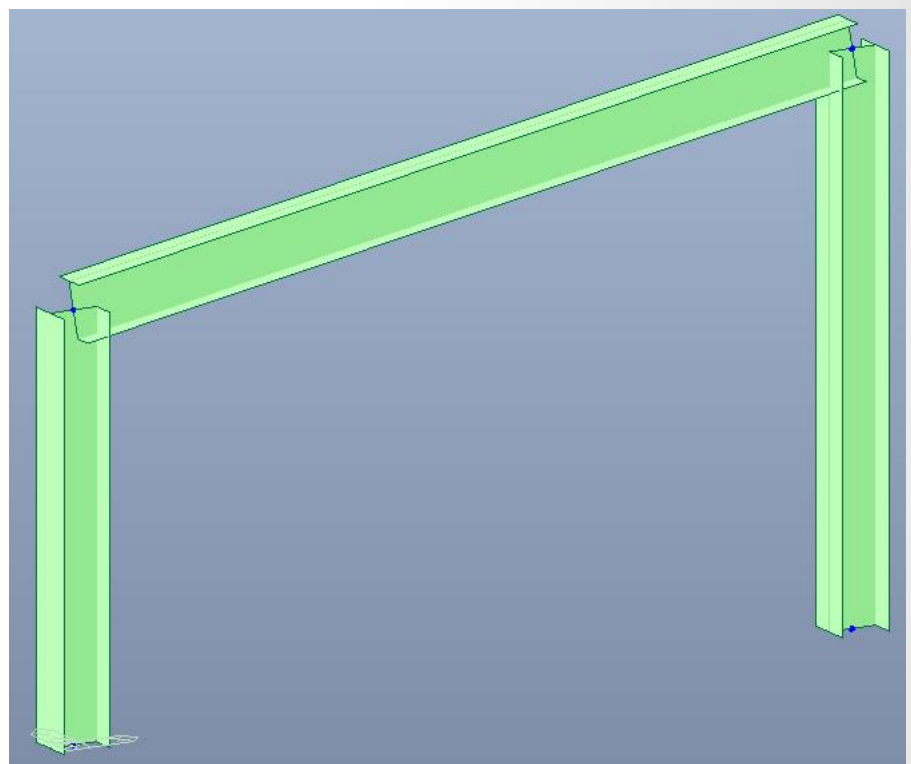
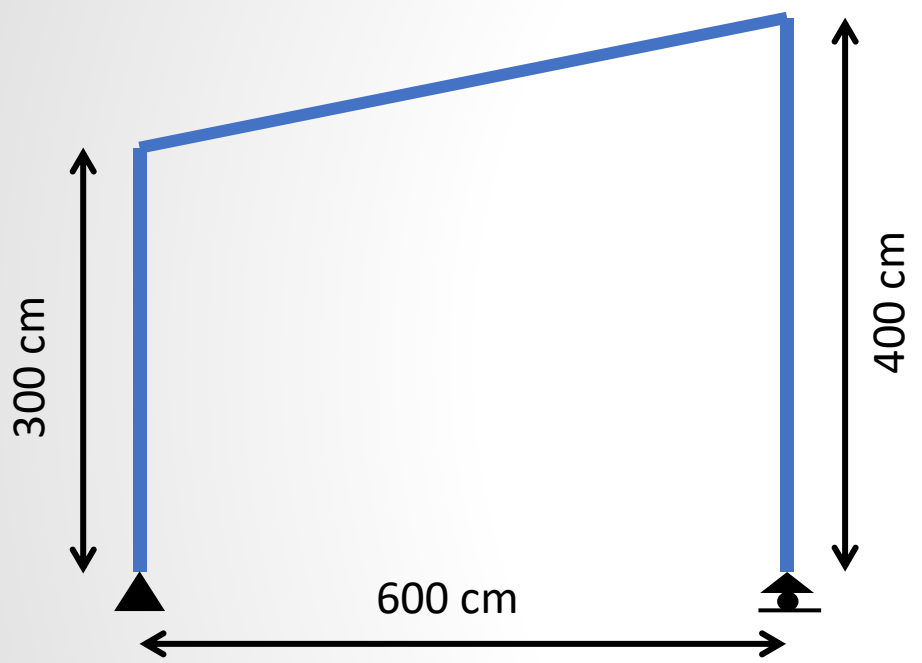
1. Load Case : 選 Load-Projection
2. Direction : 選 Global Z
3. Projection 選 Yes
4. Value 輸入 -0.1 kgf/cm



- 3 用 Element Beam Load (Load > Beam Load > Element Beam Load)

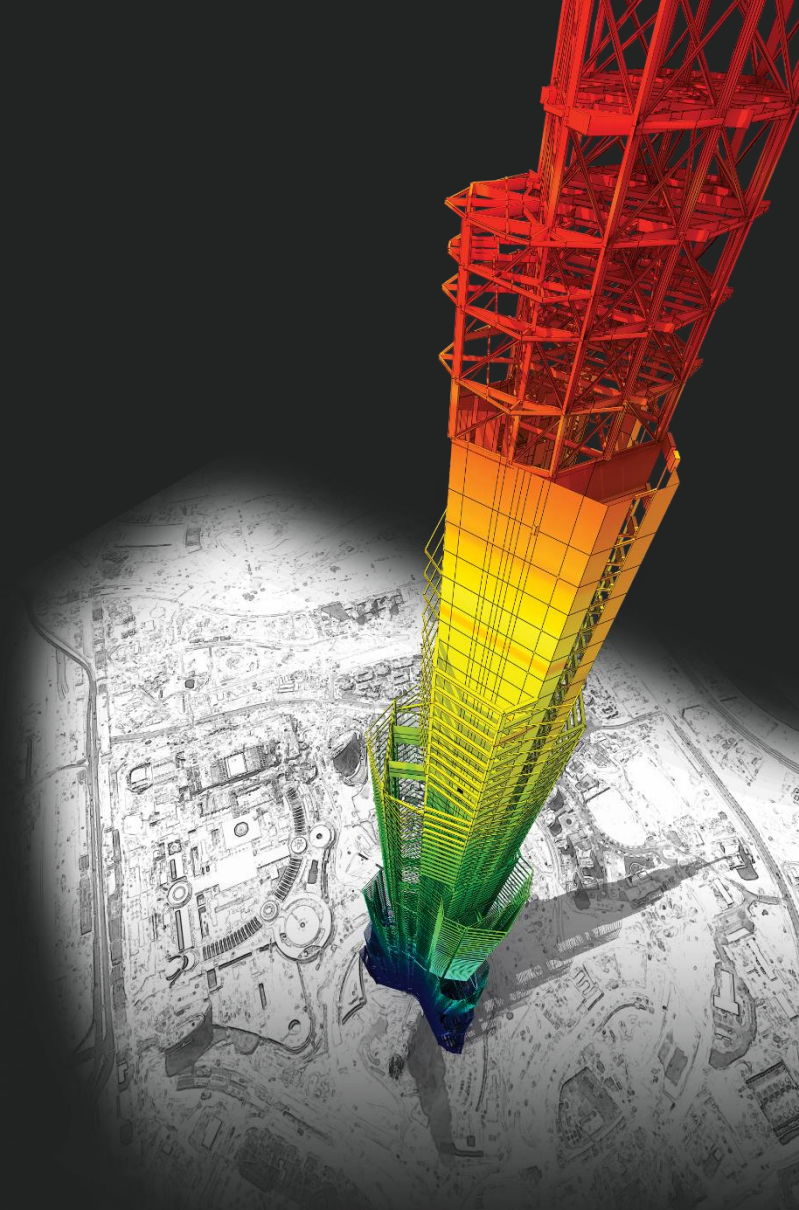
1. Load Case : 選 Load
2. Direction : 選 Global Z
3. Projection 選 No
4. Value 輸入 -0.1 kgf/cm





Midas Gen 模型。

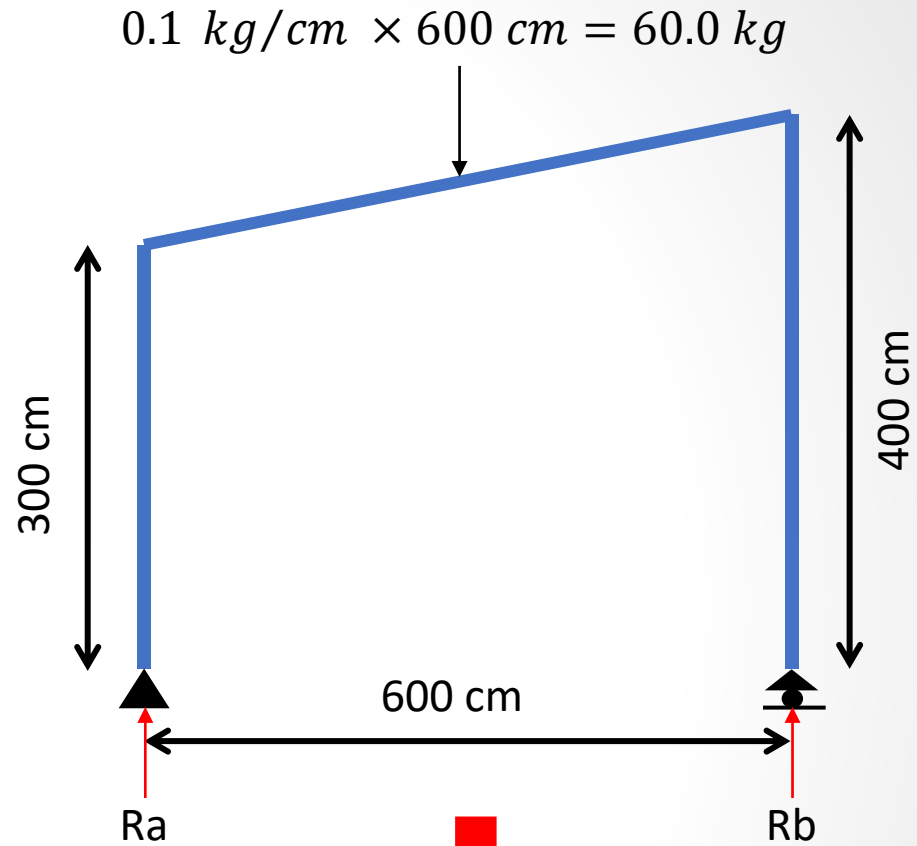
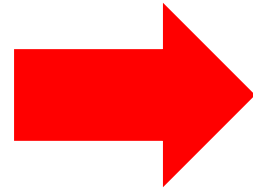
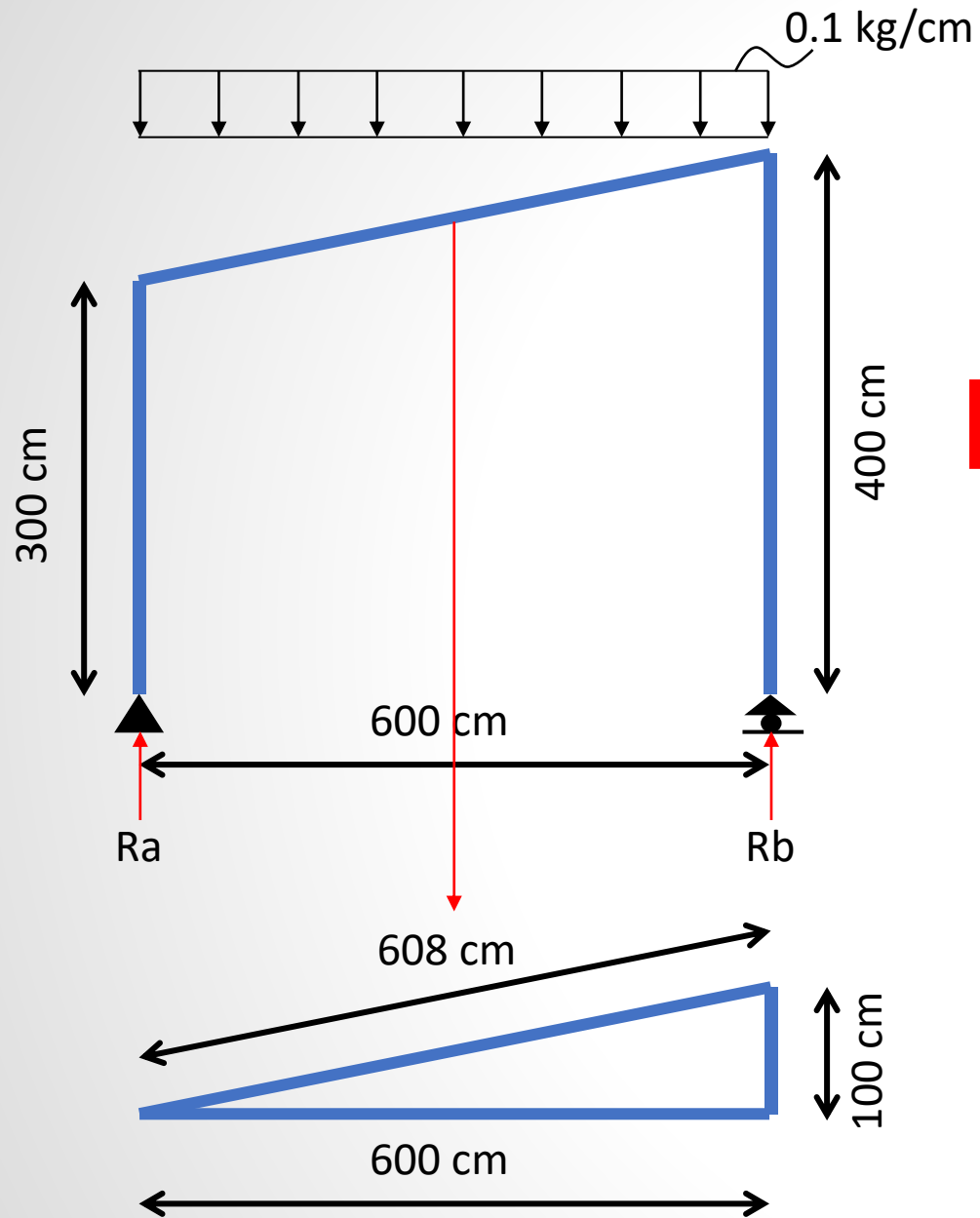
Load Projection : Yes



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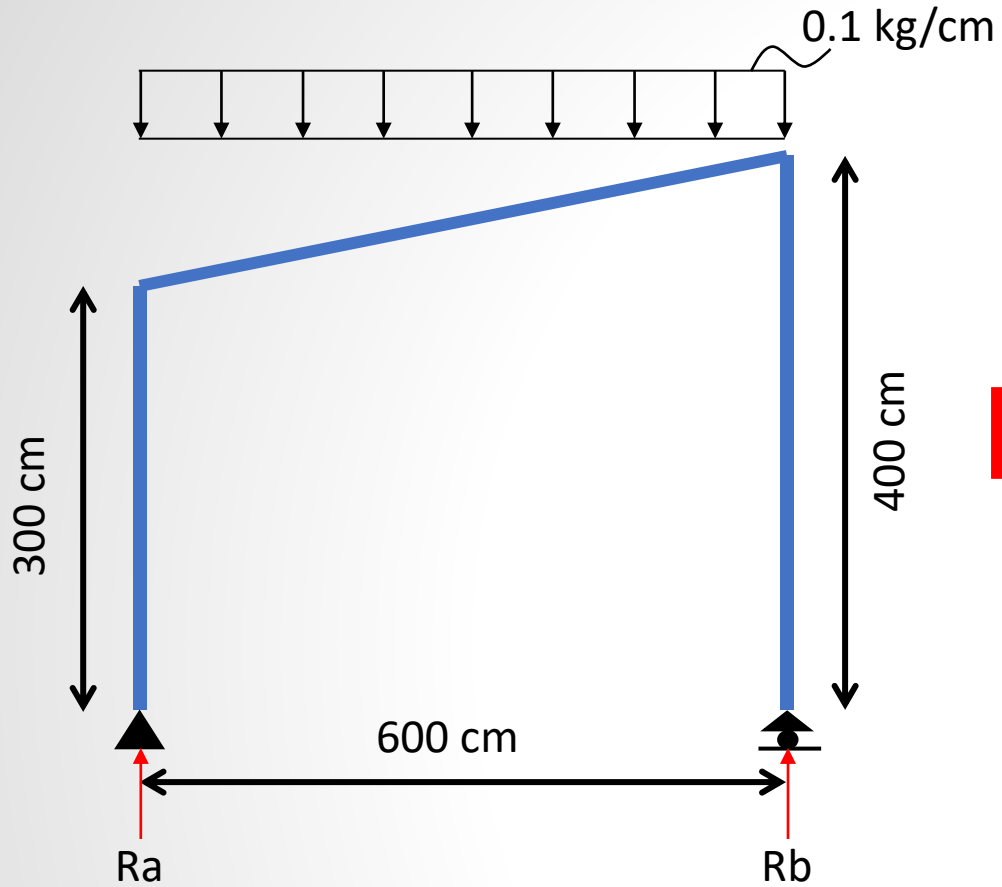
Load Projection = Yes



$$R_a = \frac{60.0}{2} = 30.0 \text{ kg}$$

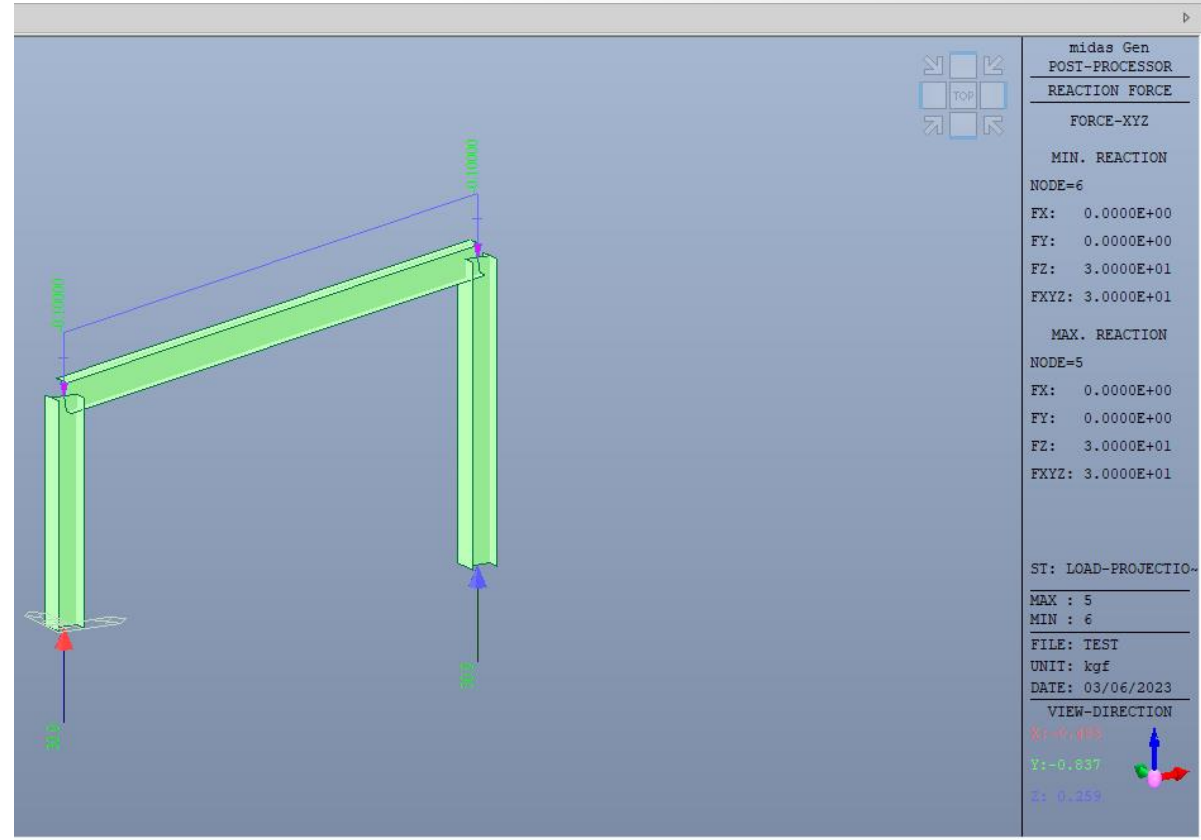
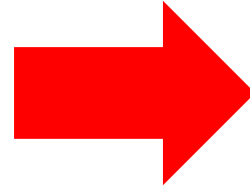
$$R_b = \frac{60.0}{2} = 30.0 \text{ kg}$$

Load Projection = Yes



$$R_a = \frac{60.0}{2} = 30.0 \text{ kg}$$

$$R_b = \frac{60.0}{2} = 30.0 \text{ kg}$$

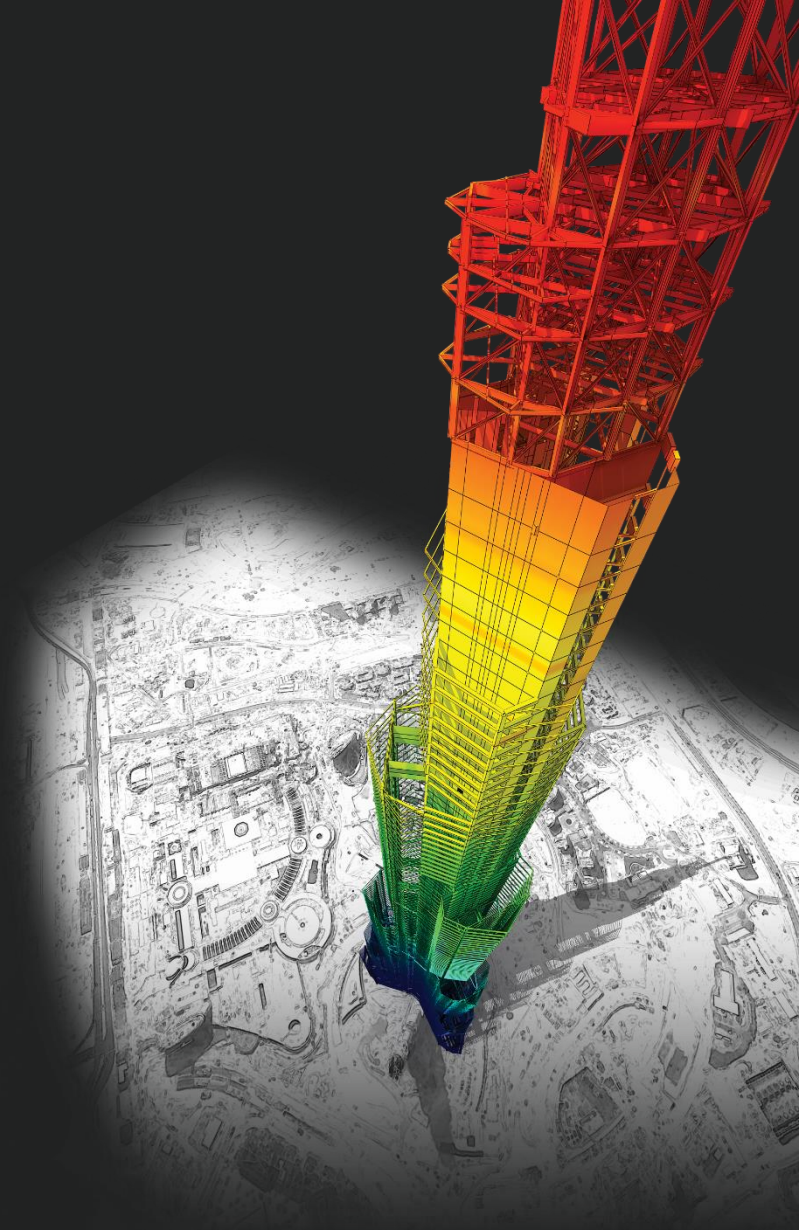


Midas Gen 結果 :

$$R_a = 30.0 \text{ kg}$$

$$R_b = 30.0 \text{ kg}$$

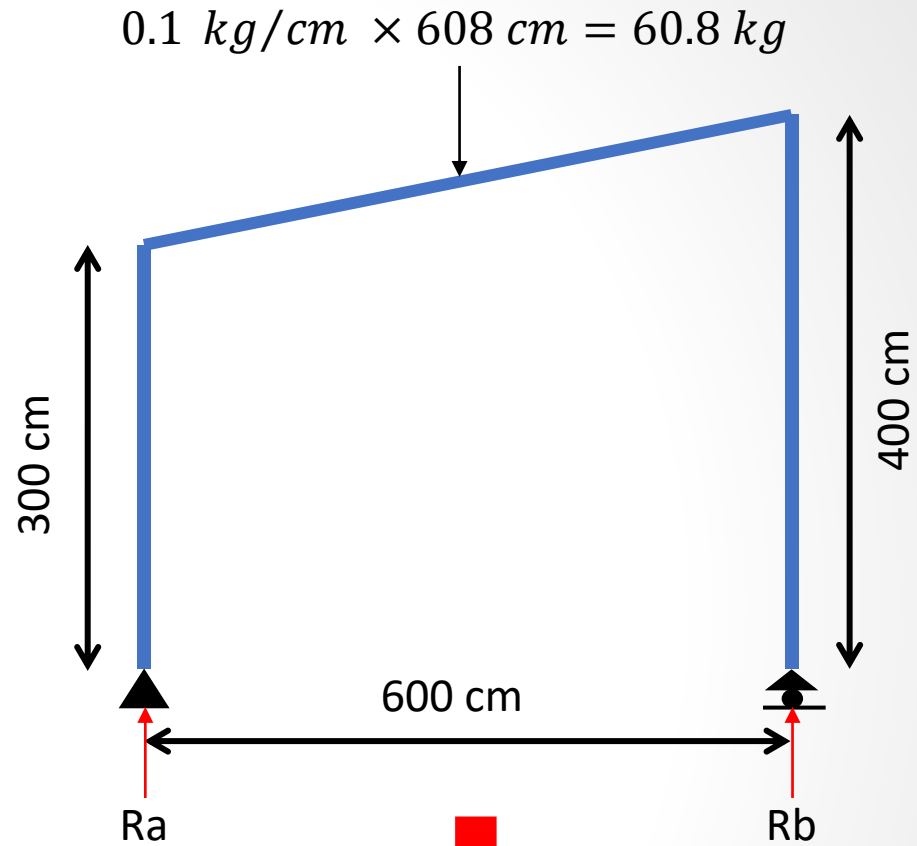
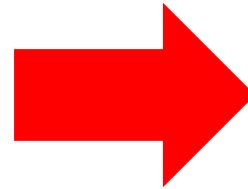
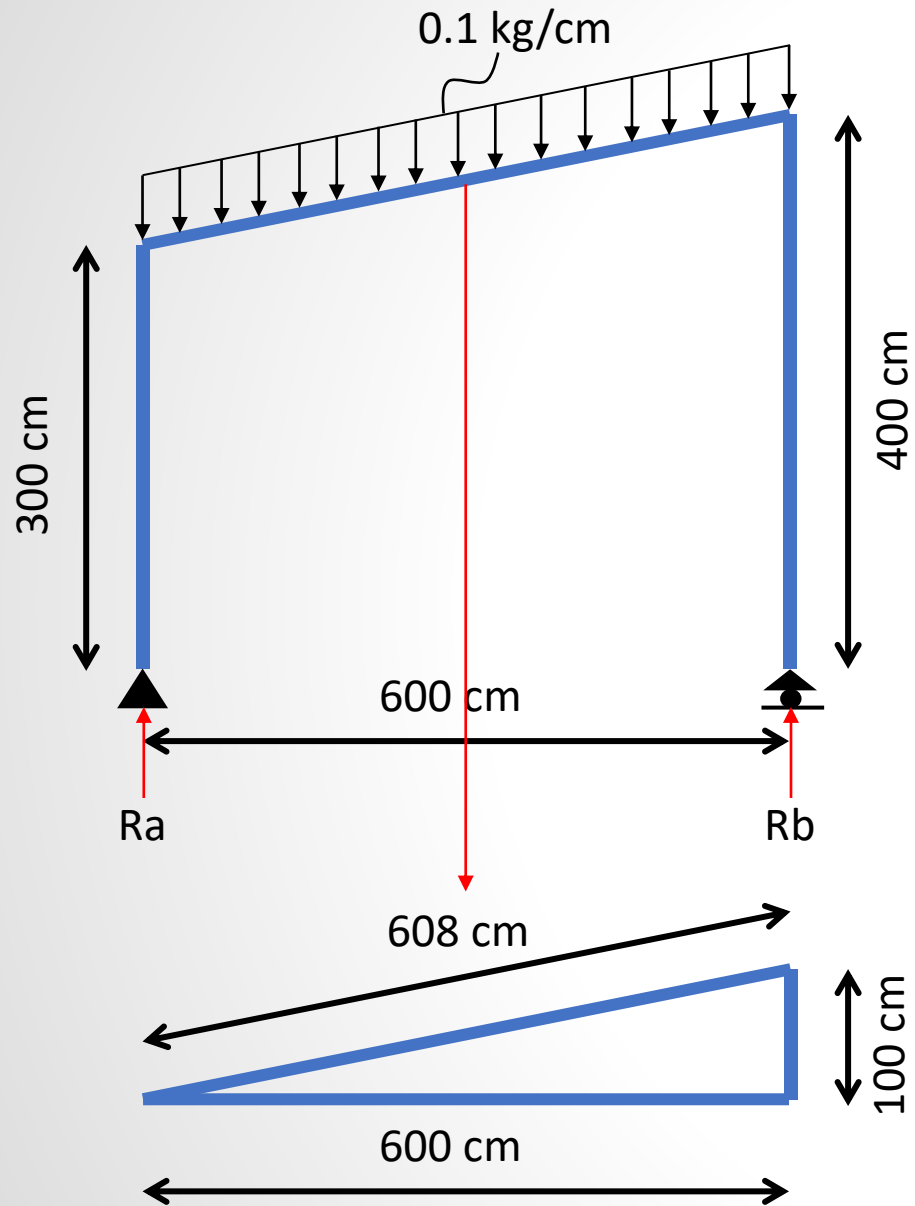
Load Projection : No



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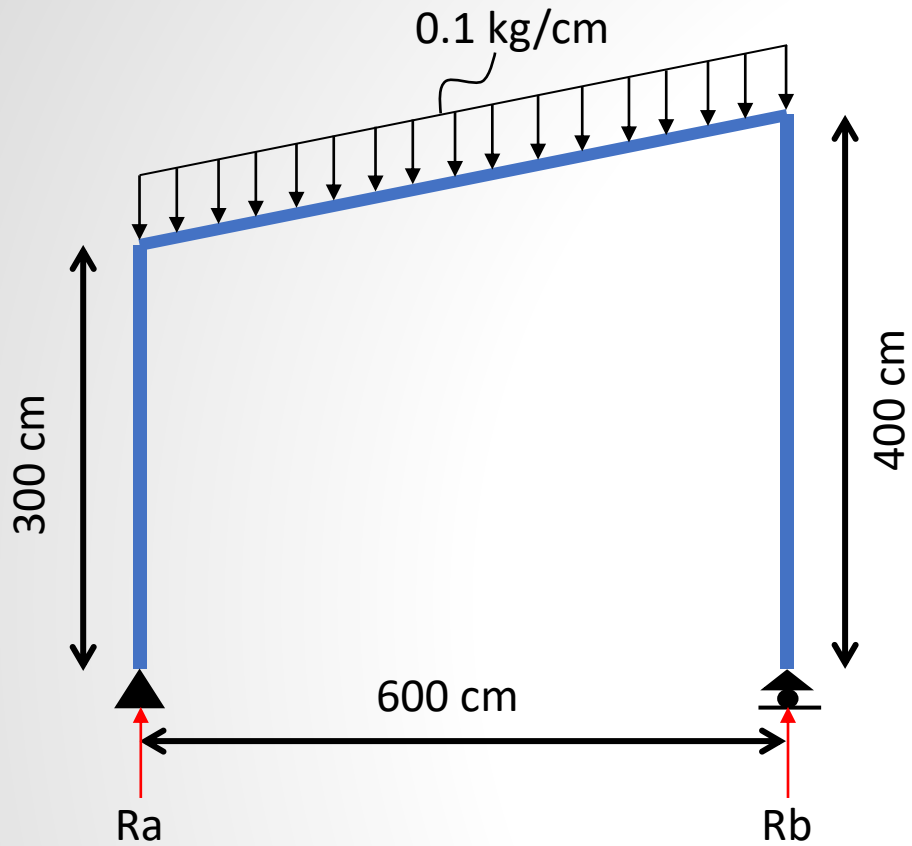
Load Projection = No



$$R_a = \frac{60.8}{2} = 30.4 \text{ kg}$$

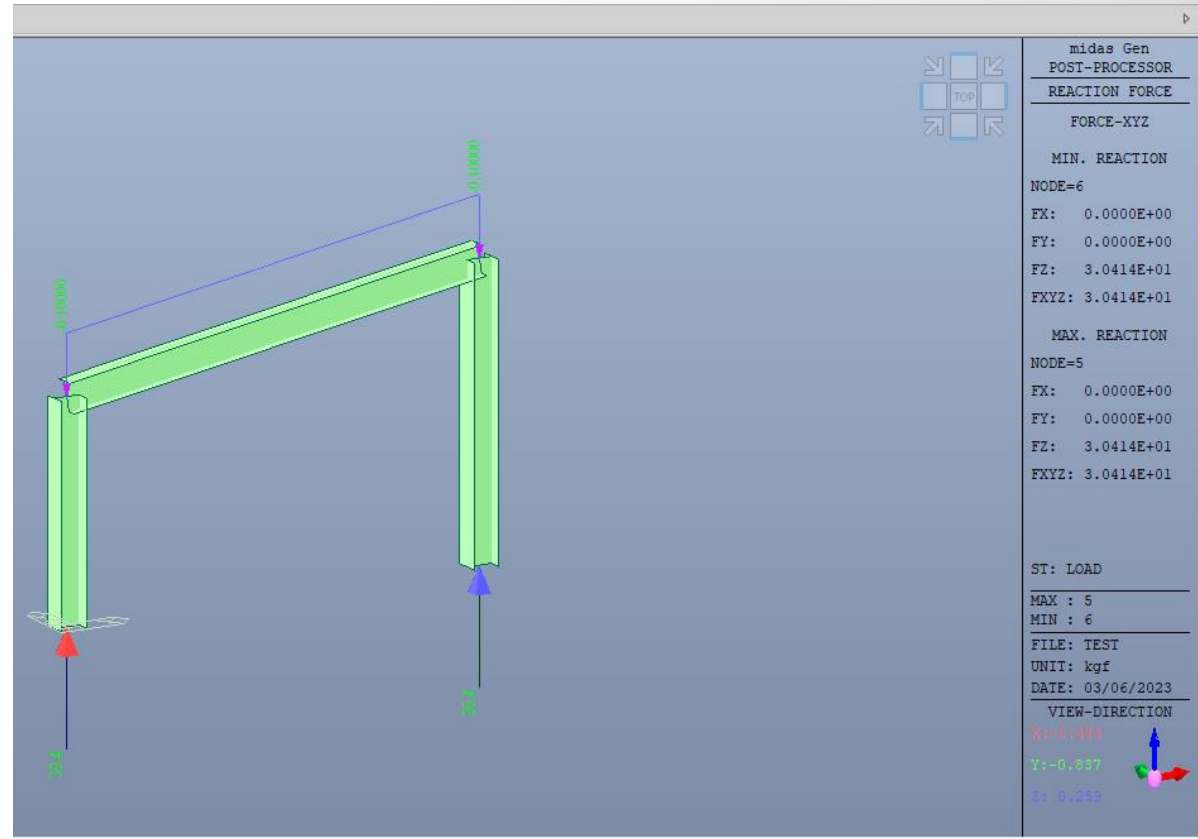
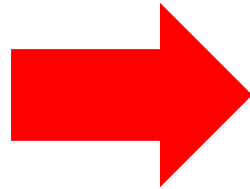
$$R_b = \frac{60.8}{2} = 30.4 \text{ kg}$$

Load Projection = No



$$R_a = \frac{60.8}{2} = 30.4 \text{ kg}$$

$$R_b = \frac{60.8}{2} = 30.4 \text{ kg}$$

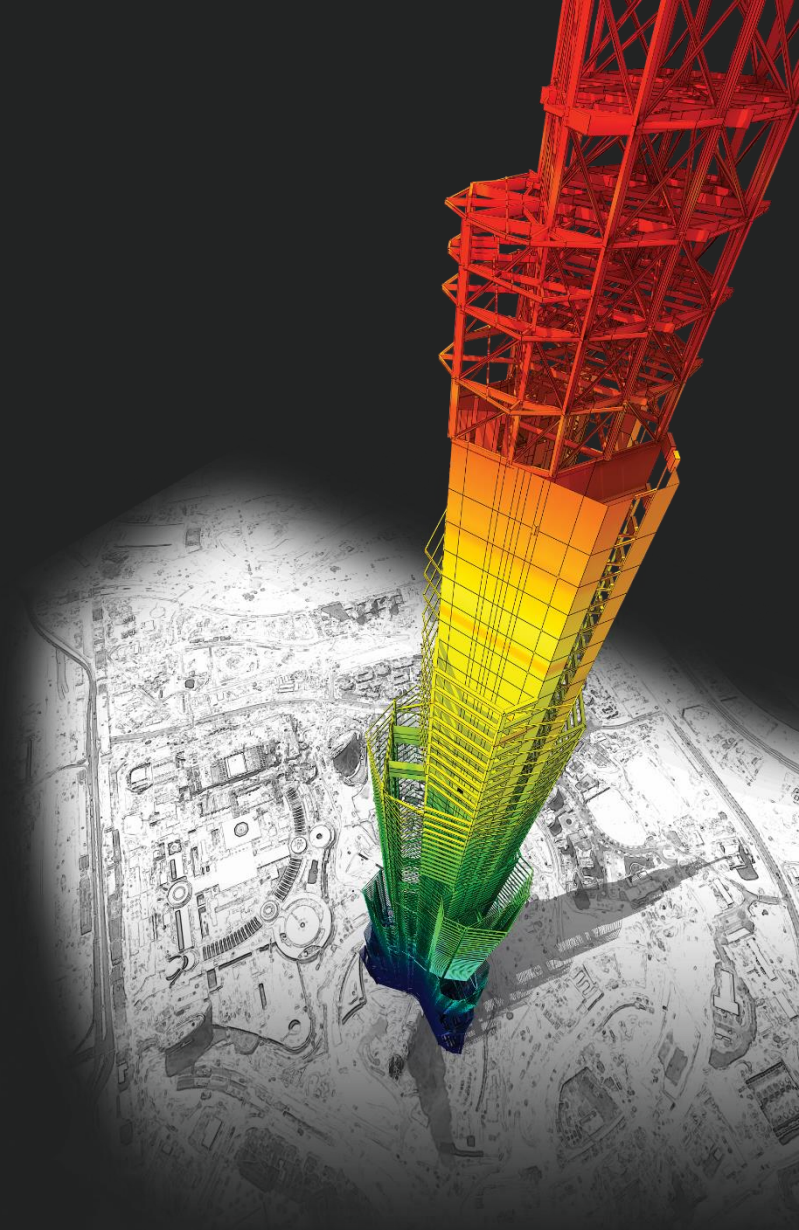


Midas Gen 結果 :

$$R_a = 30.4 \text{ kg}$$

$$R_b = 30.4 \text{ kg}$$

Thank You



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