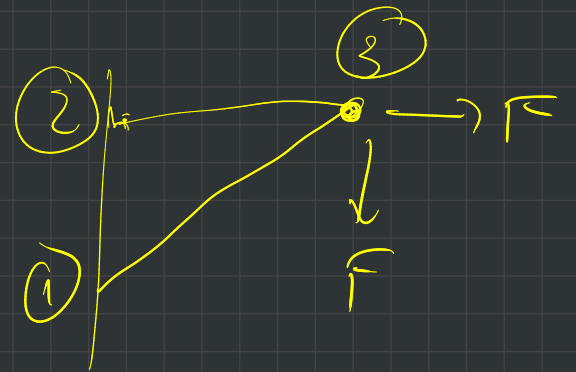
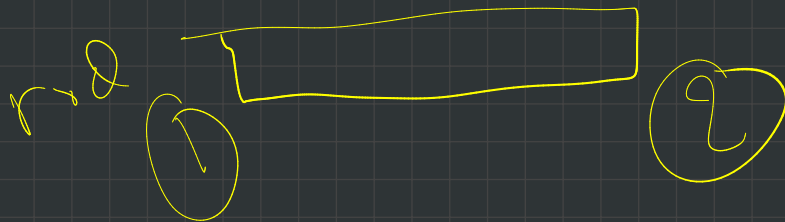
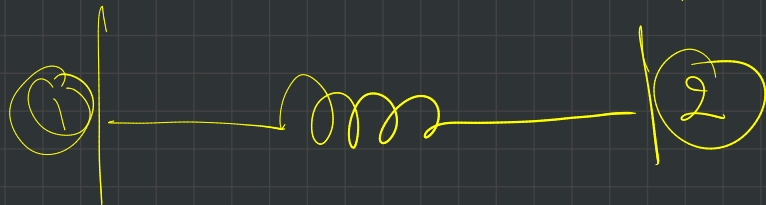


Komputasi Vibrasi

↓  
FEA / FEM

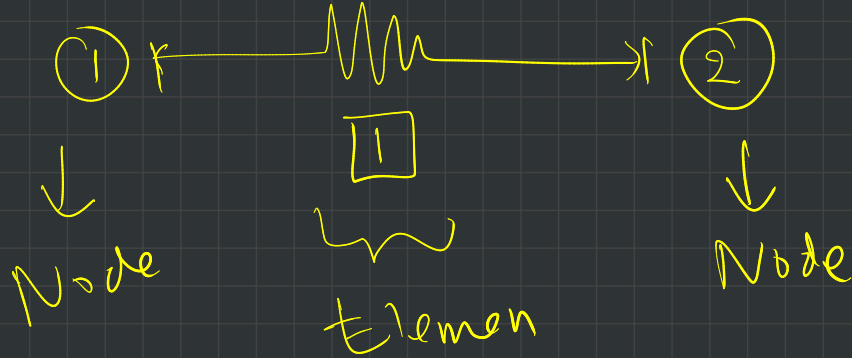
↓  
[M E H]





$$f_{1x} = k x = k (d_{1x} - d_{2x})$$

$$f_{2x} = k (d_{2x} - d_{1x})$$



$$F = K \cdot X$$

yg dicari!

$$\begin{Bmatrix} f_{1x} \\ f_{2x} \end{Bmatrix} = \begin{Bmatrix} k & -k \\ -k & k \end{Bmatrix} \begin{Bmatrix} d_{1x} \\ d_{2x} \end{Bmatrix}$$

$$f_1 = k d_{1x} - k d_{2x}$$

$$f_2 = -k d_{1x} + k d_{2x}$$

Matriks  
kekakuan  
lokal

Tugas  
Baca

① Buku Pak Yenni  
Bab II

② Hutton, Bab I