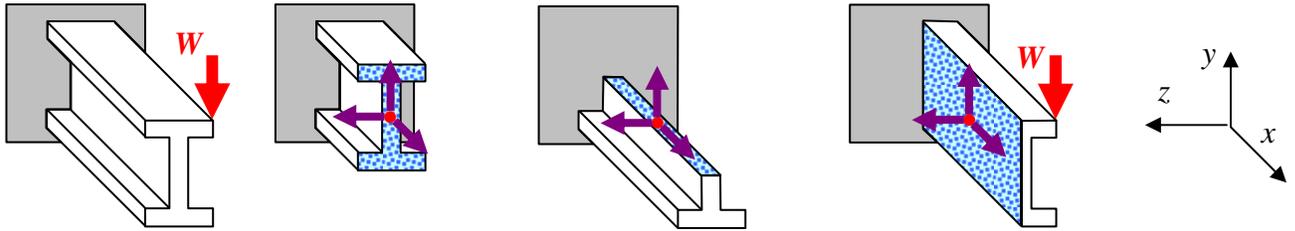


Visualizing a Stress Tensor?



Examining...

A_x

A_y

A_z

$$\sigma = \begin{bmatrix} \frac{dF_x}{dA_x} & \frac{dF_y}{dA_x} & \frac{dF_z}{dA_x} \\ \frac{dF_x}{dA_y} & \frac{dF_y}{dA_y} & \frac{dF_z}{dA_y} \\ \frac{dF_x}{dA_z} & \frac{dF_y}{dA_z} & \frac{dF_z}{dA_z} \end{bmatrix}$$

Stress tensors, like inertia tensors, are always symmetric (they equal their transpose).