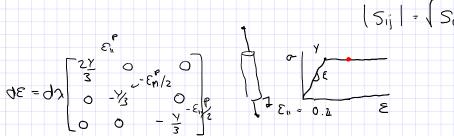
$$\frac{\partial f}{\partial \sigma_{ij}} = \frac{\partial f}{\partial \sigma_{ij}} = \frac{\partial f}{\partial \sigma_{ij}} = \frac{\partial f}{\partial \sigma_{ij}} = \partial \lambda \left( \frac{S_{ij}}{S_{ij}} \right) = \partial \lambda \left( \frac{S_{ij}}{$$



$$= d\chi \begin{bmatrix} 2\frac{\gamma}{3} \\ 0 \\ -\frac{\gamma}{3} \end{bmatrix} \begin{bmatrix} -\frac{\epsilon}{n}/2 \\ 0 \\ 0 \end{bmatrix} = \frac{1}{3} \begin{bmatrix} \frac{2\gamma}{3} \\ 0 \\ \frac{\gamma}{3} \end{bmatrix} \begin{bmatrix} \frac{1}{2} \\ \frac{1}{2} \\ \frac{1}{2} \end{bmatrix} \begin{bmatrix} \frac{1}{$$

$$\mathcal{E}_{ij} = \mathcal{E}_{ij}^{q} + \mathcal{E}_{ij}^{p}$$

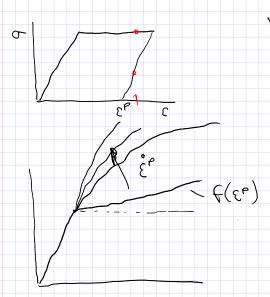
$$\mathcal{E}_{ij} = \mathcal{E}_{ij}^{q} + \mathcal{E}_{ij}^{p}$$

$$\mathcal{E}_{ij} = \mathcal{E}_{ij} + \mathcal{E}_{ij}^{p}$$

$$\mathcal{E}_{ij} = \mathcal{E}_{ij} - \frac{\gamma}{E}$$

$$\mathcal{E}_{ij} = \mathcal{E}_{ij} - \mathcal{E}_{ij}$$

$$\mathcal{$$



"eguivalent plastic strain", 
$$\varepsilon^{\rho}$$

$$\varepsilon^{\rho} = \sqrt{\frac{2}{3}} \varepsilon_{ij}^{\rho} \varepsilon_{ij}^{\rho}$$

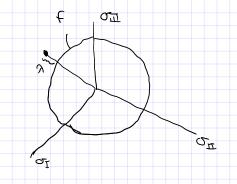
$$= \sqrt{\frac{2}{3}} \lambda$$

$$\varepsilon^{\rho} = \sqrt{\frac{2}{3}} \varepsilon_{ij}^{\rho} \varepsilon_{ij}^{\rho}$$

$$= \sqrt{\frac{2}{3}} \lambda$$

$$\varepsilon^{\rho} = \sqrt{\frac{2}{3}} \lambda$$

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$$\dot{\varepsilon}_{ij} = \dot{\lambda} \frac{\partial \dot{\tau}}{\partial \sigma_{ij}} = \dot{\lambda} \dot{Q}_{ij}$$

$$\left| \frac{\partial \dot{\tau}}{\partial \sigma_{ij}} \right|$$

