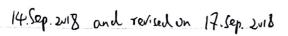
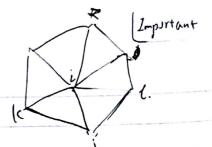
Force calculation



Jülicher 1996



>
$$E_{i}=2\left(\frac{\hat{H}_{i}}{N_{i}}-H_{i}\right)^{2}A_{i}$$

 $\hat{H}_{i}=\frac{1}{4}\sum_{e}l_{e}\theta_{e}$

$$=\frac{1}{8A_{i}}\left(\frac{1}{2}\left[e\theta e\right]^{2}-H_{o}\frac{1}{2}\left[e\theta e\right]+2H_{o}^{2}A_{i}\right)$$

$$=\frac{1}{8A_{i}}\left(\frac{1}{2}\left[e\theta e\right]^{2}-H_{o}\frac{1}{2}\left[e\theta e\right]+2H_{o}^{2}A_{i}\right)$$

$$=\frac{1}{8A_{i}}\left(\frac{1}{2}\left[e\theta e\right]^{2}-H_{o}\frac{1}{2}\left[e\theta e\right]^{2}+H_{o}\frac{1}{2}\left[e\theta e\right]^{2}+H_{o}\frac{$$

Implementation: Prevalu code.

$$= \{e = (x_j = \{x_i, y_j\}) \cdot (x_i - y_j)\}$$