## Horizontal Equilibrium Draw form diagram $\Gamma$ Construct topology C, C\* Genrate force diagram $\Gamma^*$ Vertical Equilibrium Choose support heights $\mathbf{z}_{F}$ (locked nodes) and scale r Calculate weights, or loads, p Solve for node heights $\mathbf{z}_{N}$ (free nodes) Vizualize network G No Result satisfying? Yes