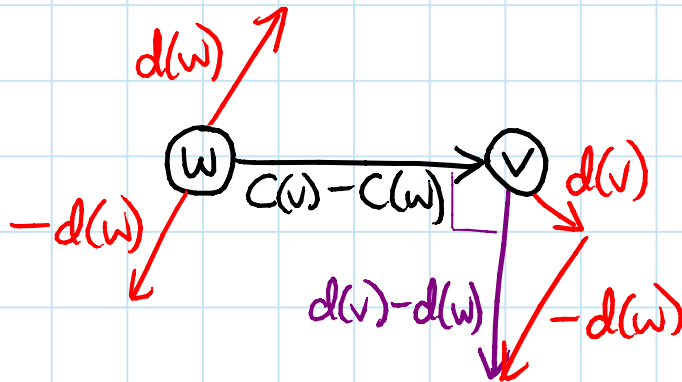


6.849

Class 12

Oct. 18. 2012

$$\circ \underbrace{[C(v) - C(w)]}_{\text{direction of bar}} \cdot \underbrace{[d(v) - d(w)]}_{\text{relative motion of } v \text{ w.r.t. } w} = \underbrace{0}_{\text{perpendicular}}$$



- Springs  $\neq$  bars
  - but like "weak" bars  $\sim$  resting length
  - lets you "feel" the stress
- Tensegrity sculpture
  - Kenneth Snelson
  - Tomohiro Tachi: Freeform Tensegrity
  - George Hart: build your own
- Project discussion

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6.849 Geometric Folding Algorithms: Linkages, Origami, Polyhedra  
Fall 2012

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