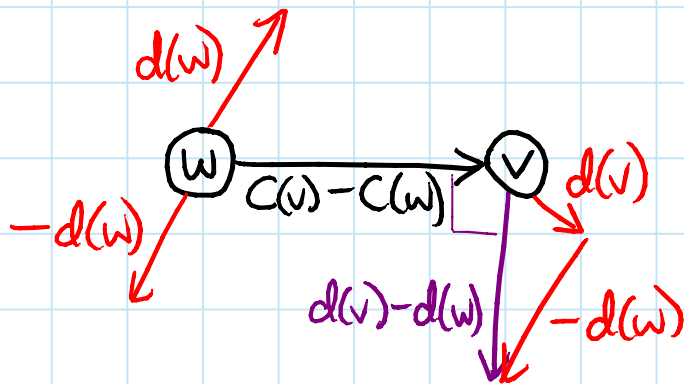


6.849

Class 12

Oct. 18. 2012

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



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