Joint Tension Model

Adjustable straps as tension

Clamps to ball joint when tension pulls down

Sensor ideas

- "Blue tooth" wireless transmission
to DAQ
  → Eliminate contacts and wires

Fixed dwell that would line up holes when at 0°

Many tiny holes on bottom and
many tiny inserts on top: they lock
in place but they can move
easily

Vertical adjustment
  - Like umbrella handle

Velcro adjustments

Mechanical Stop

Digital level
Webcam sends image to PC