

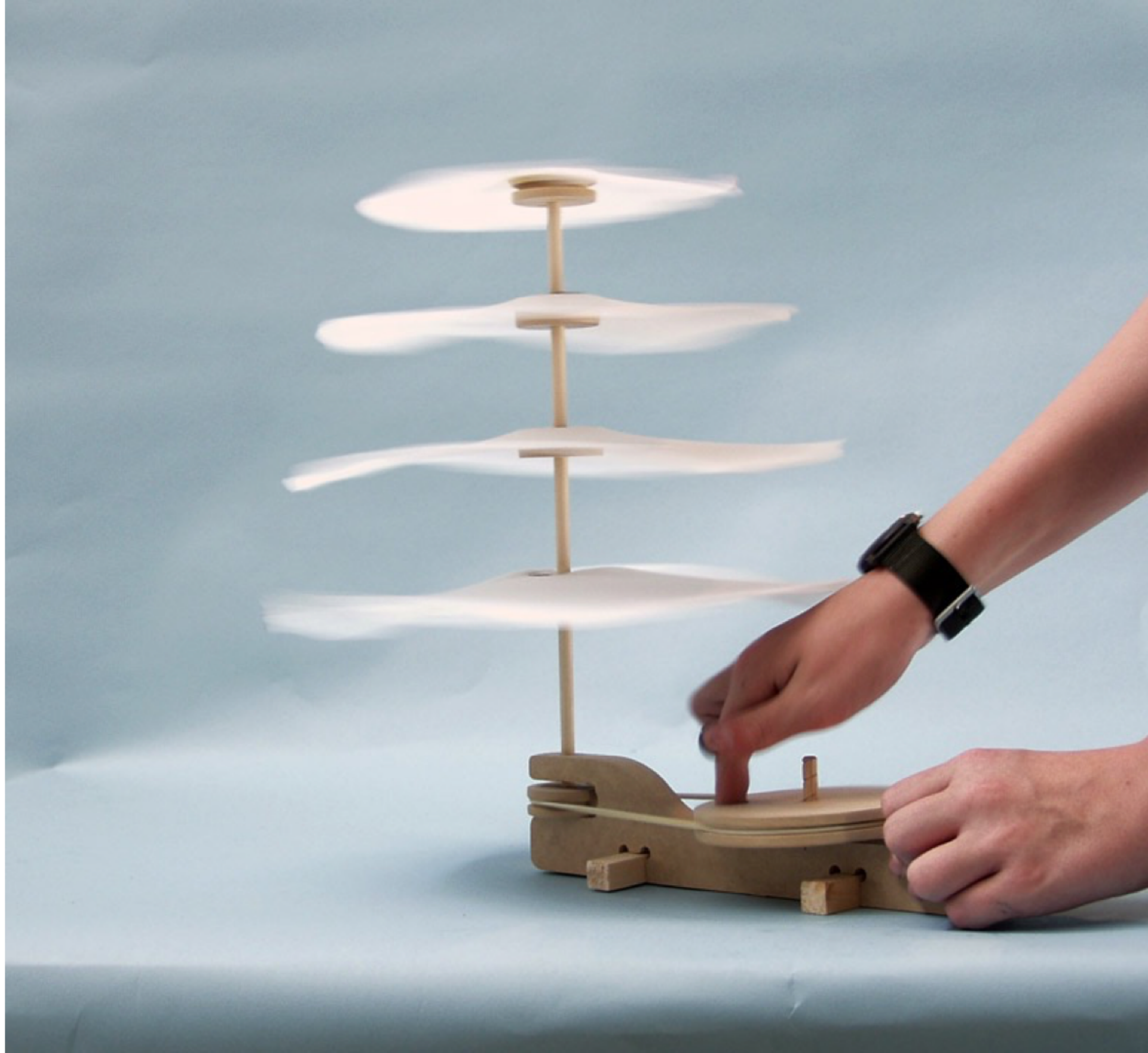
ARTFUL WAVES: THE DYNABROLLY



Neil Downie

- Mechanical Waves – Waves in water and sound waves in air are caused by a disturbance in the medium.
- Classical waves transfer energy without transporting matter through the medium.





- The speed of the wave on a cloth is governed by the tension in the cloth and its mass.
- The more tension, the faster the wave.
- The heavier the cloth, the slower the wave.
- Very light cloths are more affected by air friction.

- . The acceleration is proportional to the radius.
- . The speed of the wave on the outside is faster than that on the inside.
- . The effect of the air friction and gravity leads to the shape of the waves.
- . The heavier the cloth, the slower the wave.