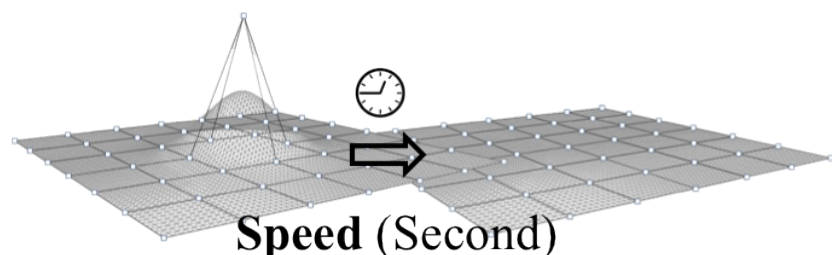
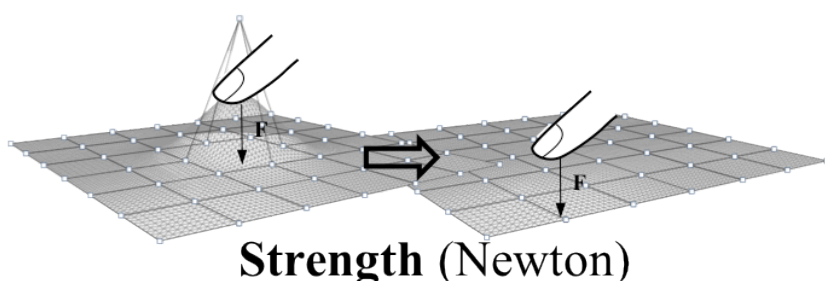
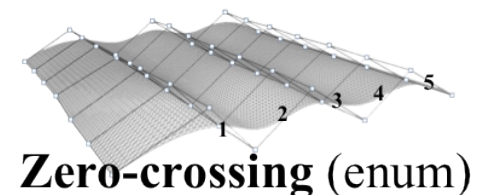
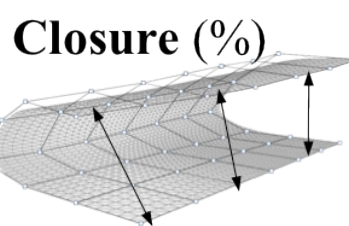
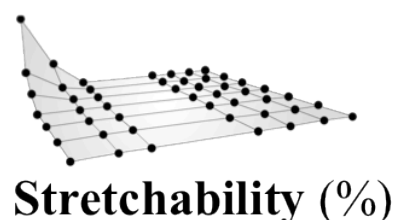
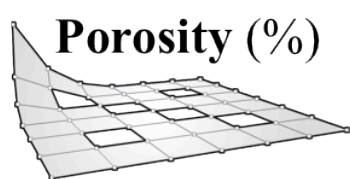
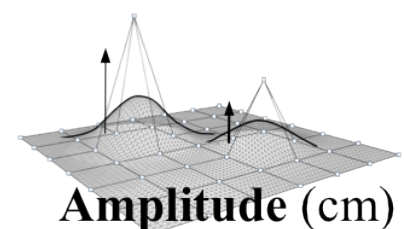
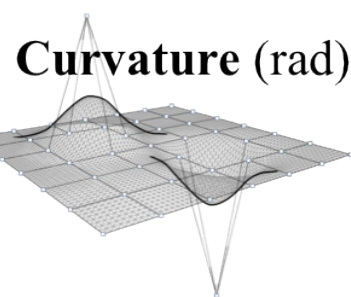
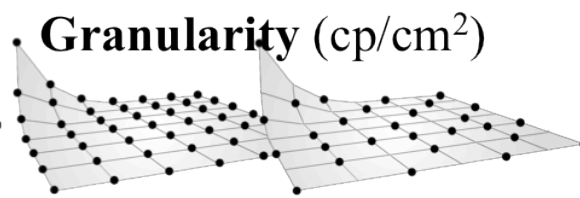
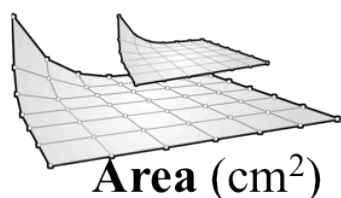


Morphees are self-actuated flexible mobile devices that adapt their shapes on their own, e.g. turning into a console when users are playing.

MORPHEES: TOWARD HIGH "SHAPE RESOLUTION" IN SELF-ACTUATED FLEXIBLE MOBILE DEVICES

Anne Roudaut, Abhijit Karnik, Marcus Löchtfeld, Sriram Subramanian

"SHAPE RESOLUTION" IN 10 FEATURES



We create prototypes to explore six different building strategies using advanced shape changing materials (dielectric electro active polymers and shape memory alloys). By comparing their shape resolution, we generate insights to help designers toward creating high shape resolution Morphees.

