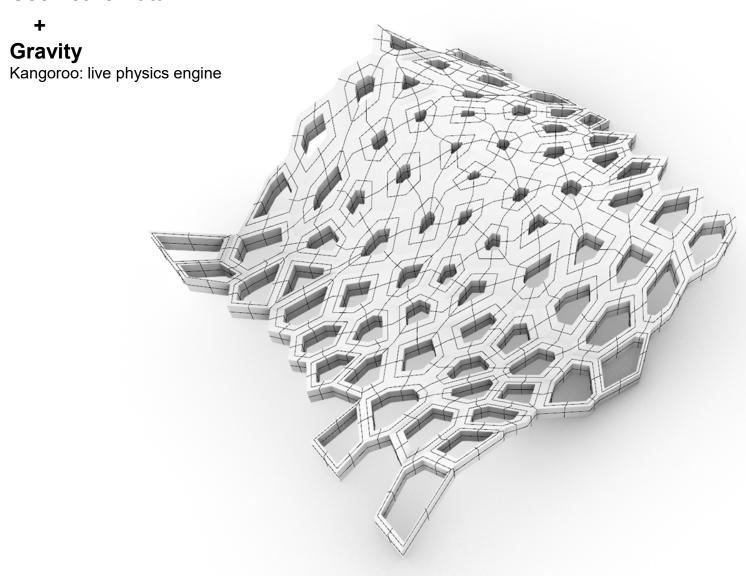




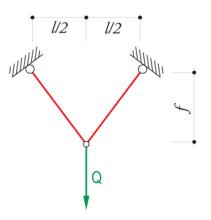
Geometric Data



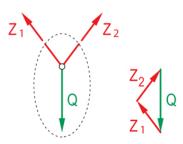


Form-Finding

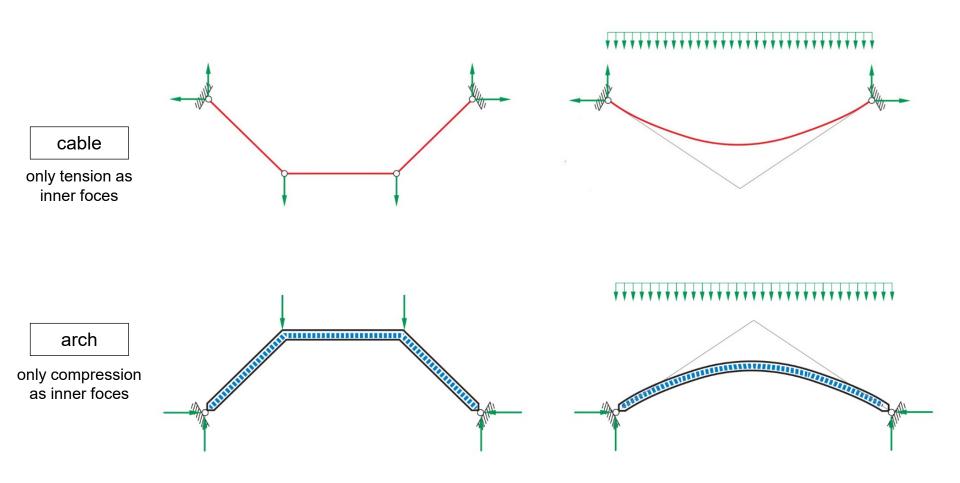




cable



3



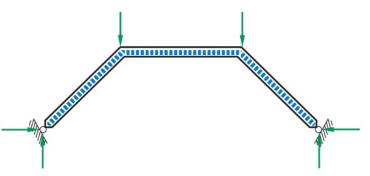


cable

only tension as inner foces

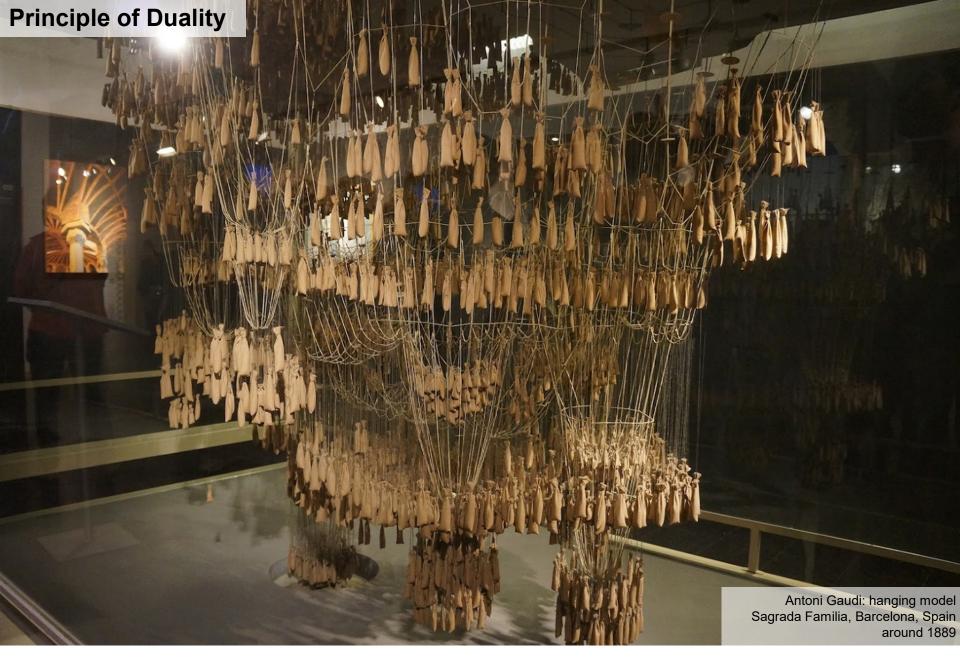
arch

only compression as inner foces



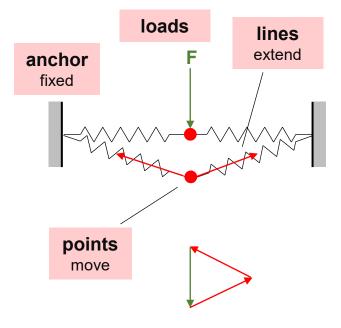








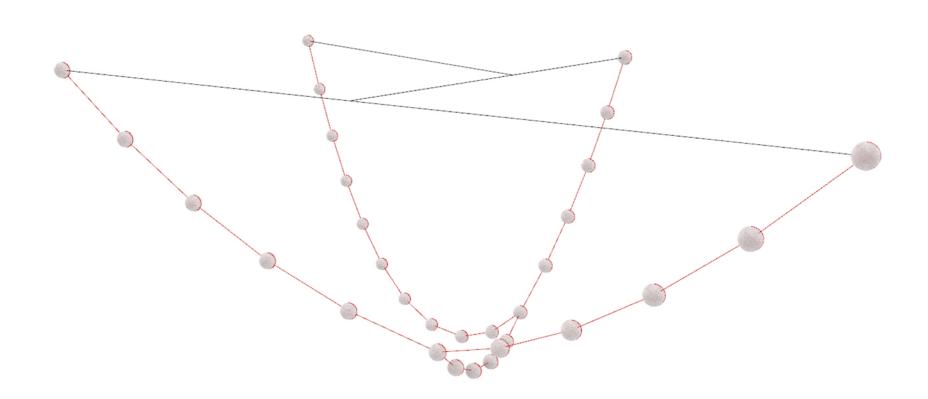
Particle-Spring System







Check 13: construct a hanging chain model out of three connected lines.











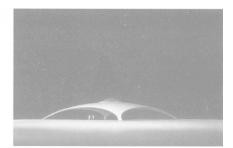
Pneumatic Membrane

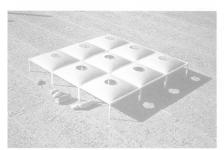
Hanging Form

Flow Form



















Heinz Isler: New Shapes of Shells IASS Conference, Madrid, 1955

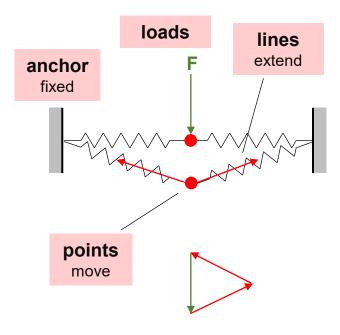
9







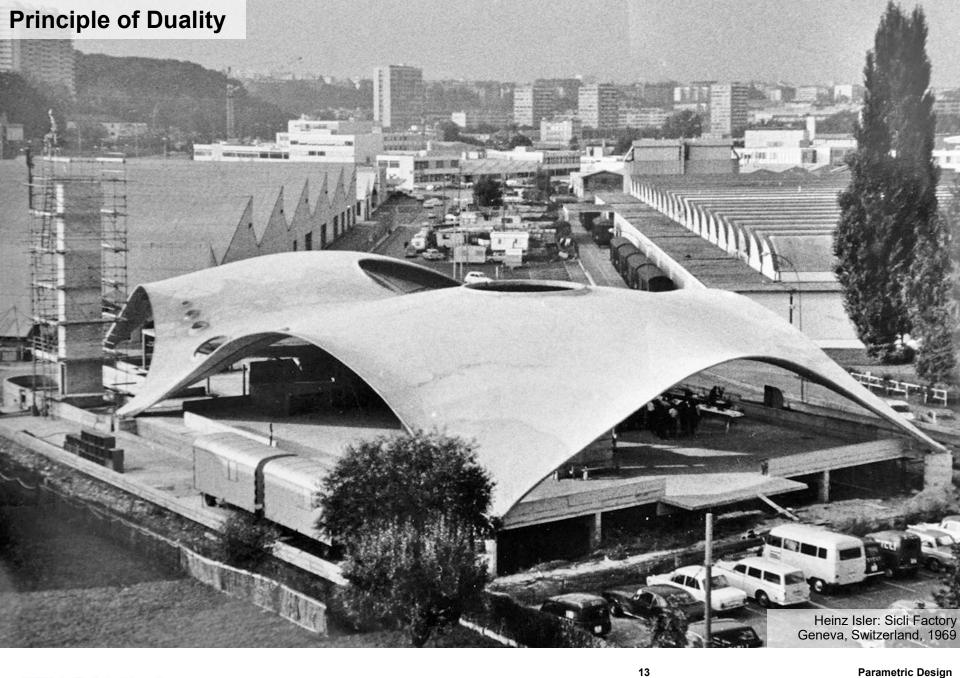
Mesh2d particle-spring system



Heinz Isler: experimental setup for form-finding of hanging forms

11







Check 14: design a shell along a given perimeter with additional support points for spatial differentiation.

