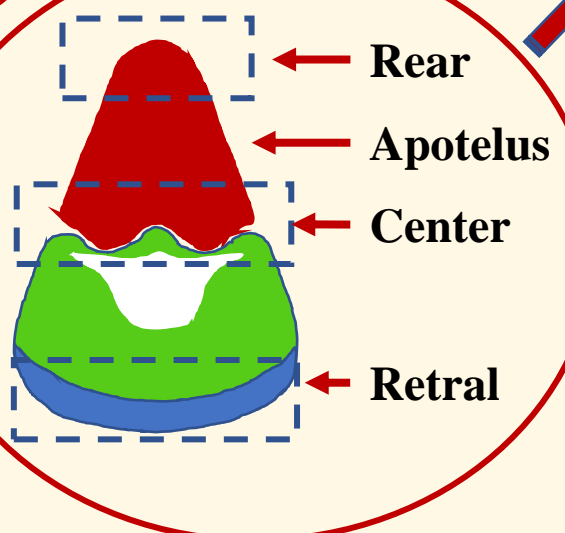


The bionic prototype

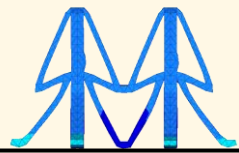


Predatory Foot of *Odontodactylus scyllarus*

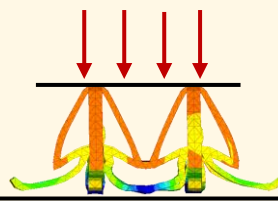


Bionics design + AM of NITI alloys

CS

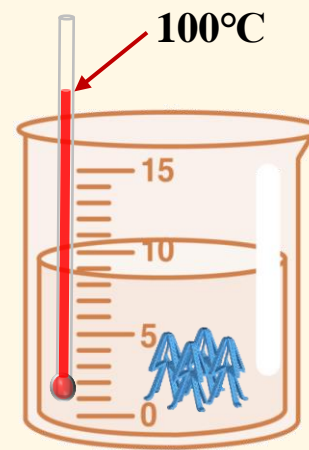


Quasi-static compression



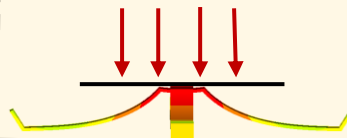
deformation rate of 17.65%

Shape memory recovery

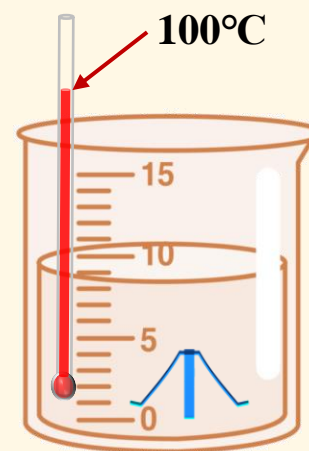


recovery rate of 98%

DLS



deformation rate of 66.67%



recovery rate of 98%