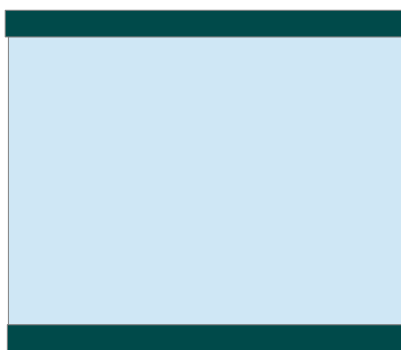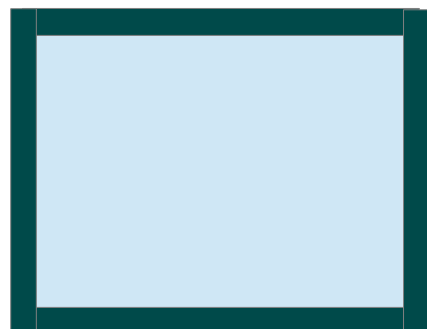a) DOF = 3

b) DOF = 1

c) DOF = 0

θ

Y

X