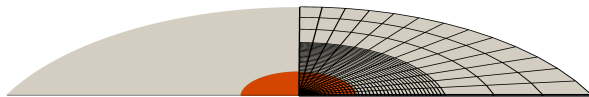
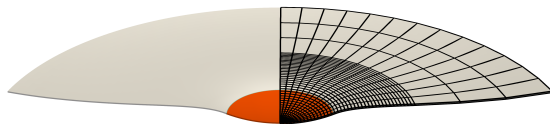


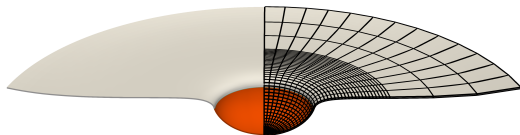
Case 1



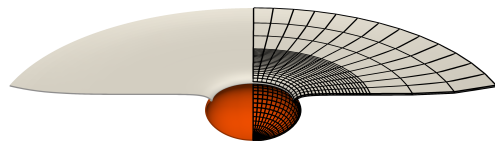
$\text{tr}\mathcal{K} = 0$ (Initial configuration)



$\text{tr}\mathcal{K} = 50$

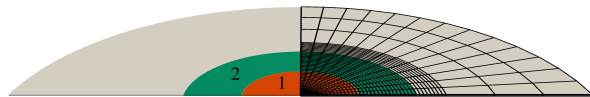


$\text{tr}\mathcal{K} = 100$

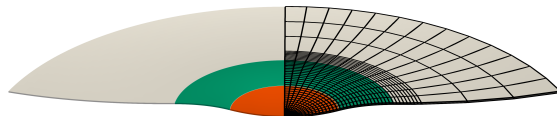


$\text{tr}\mathcal{K} = 150$

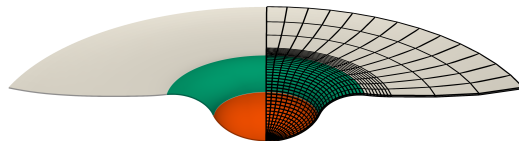
Case 2



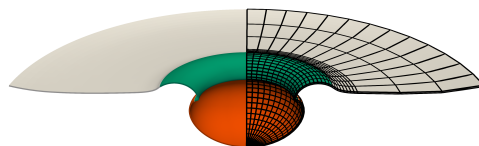
$\text{tr}\mathcal{K}^1 = 0, \text{tr}\mathcal{K}^2 = 0$ (Initial configuration)



$\text{tr}\mathcal{K}^1 = 60, \text{tr}\mathcal{K}^2 = -20$



$\text{tr}\mathcal{K}^1 = 120, \text{tr}\mathcal{K}^2 = -40$



$\text{tr}\mathcal{K}^1 = 180, \text{tr}\mathcal{K}^2 = -60$