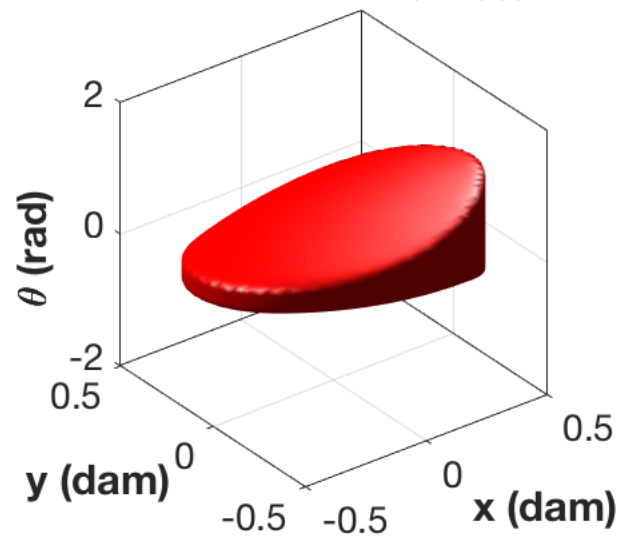
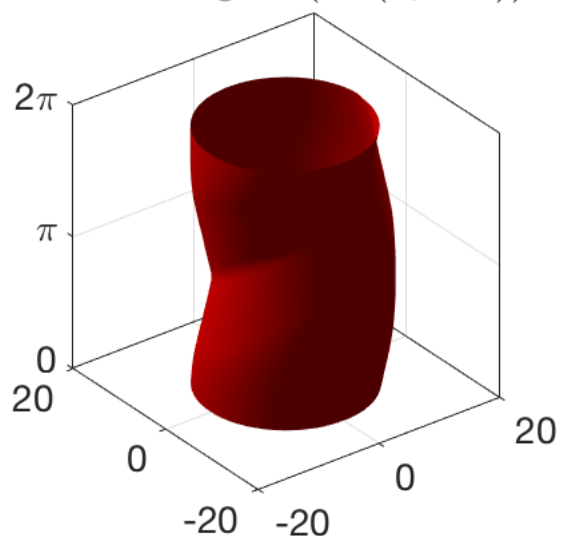
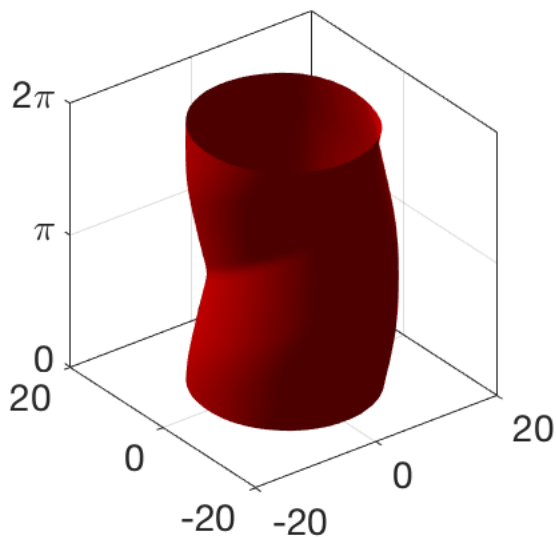


Base Obstacle ($\mathcal{M}(\underline{t})$)Avoid Region ($\mathcal{V}^A(0, t^{\text{IAT}})$)Separation Region ($\mathcal{S}(\underline{t})$)(Relative) Buffer Region ($\mathcal{V}^B(0, t^{\text{BRD}})$)