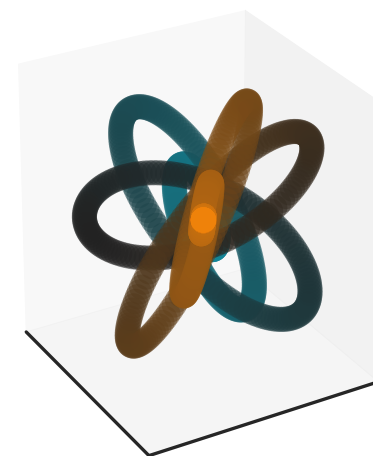
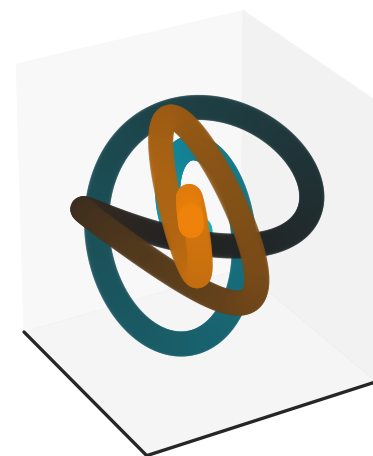
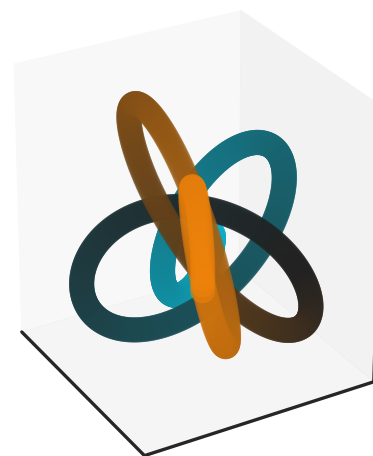
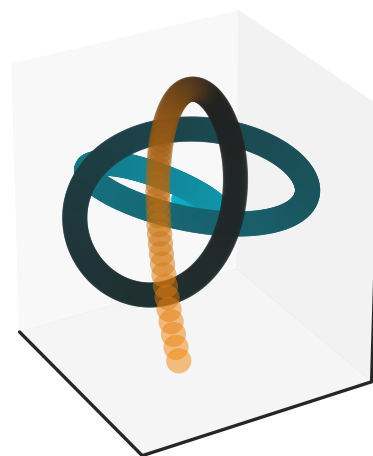
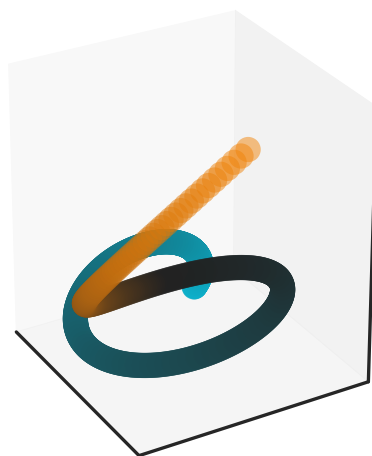


$q = 3$  $q = 6$  $q = 9$  $q = 12$  $q = 15$  $q = 27$ 

PCA



Length of Curve

1  
0

0

 $\frac{\theta}{2}$  $\theta$ 

Time [s]

0

 $\frac{\theta}{2}$  $\theta$ 

Time [s]

0

 $\frac{\theta}{2}$  $\theta$ 

Time [s]

0

 $\frac{\theta}{2}$  $\theta$ 

Time [s]

0

 $\frac{\theta}{2}$  $\theta$ 

Time [s]

0

 $\frac{\theta}{2}$  $\theta$ 

Time [s]