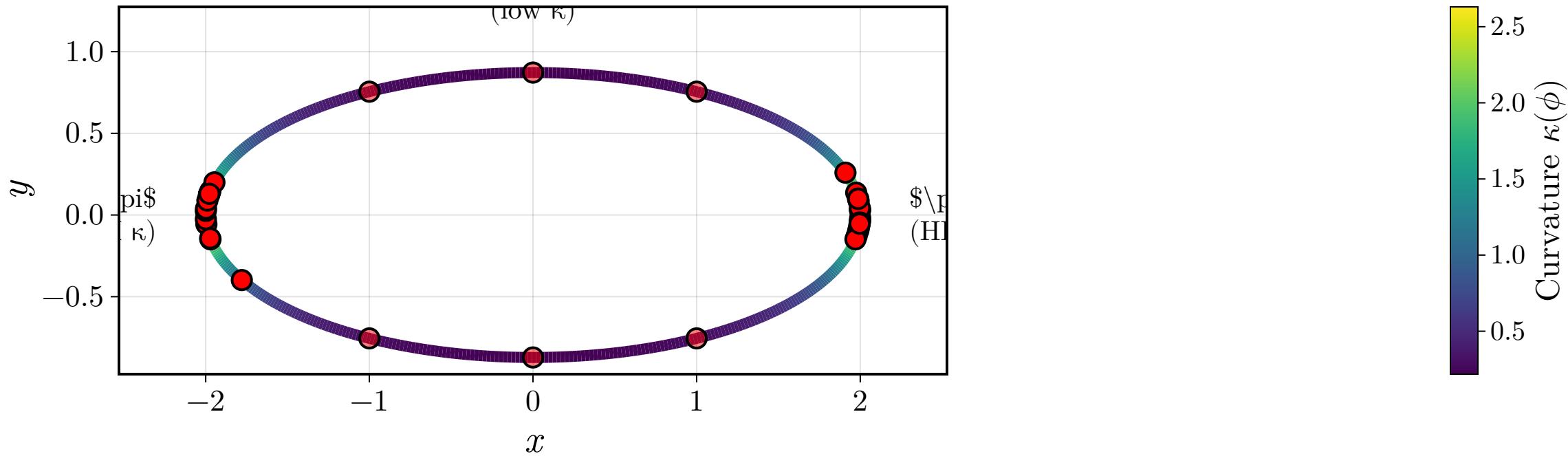


Parameters:

- $N = 40$  particles
- Semi-axes:  $a = 2.0$ ,  $b = 0.87$
- Eccentricity:  $e = 0.9$
- Elastic collisions

• Energy conservation:  $\Delta E/E_0 \sim 10^{-9}$

## Hard-Sphere Particles on Elliptical Manifold



## Metric Tensor Component

