L₂ distance bound is 0.318 1.5 Trajectories **Initial Set Unsafe Set** 1 Distance Contour Closest Traj. **Closest Initial Closest Point** 0.5 Closest Unsafe **Closest Distance** 0 -0.5 -1 -1.5 -2 2.5 -0.5 0 0.5 1.5 2

X₁