



- $r'(0) = 0.2, \Delta\alpha \approx 17.9^\circ$
- $r'(0) = 0.5, \Delta\alpha \approx 12.8^\circ$
- $r'(0) = 1, \Delta\alpha \approx 8.24^\circ$
- $r'(0) = 1.5, \Delta\alpha \approx 5.92^\circ$