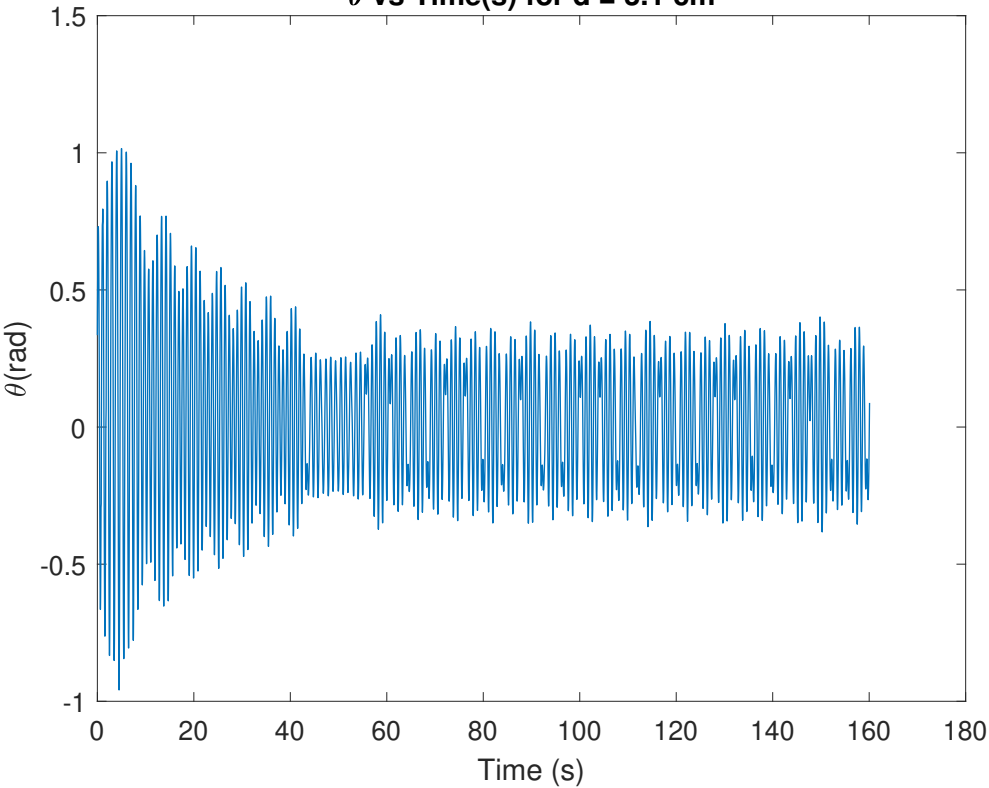
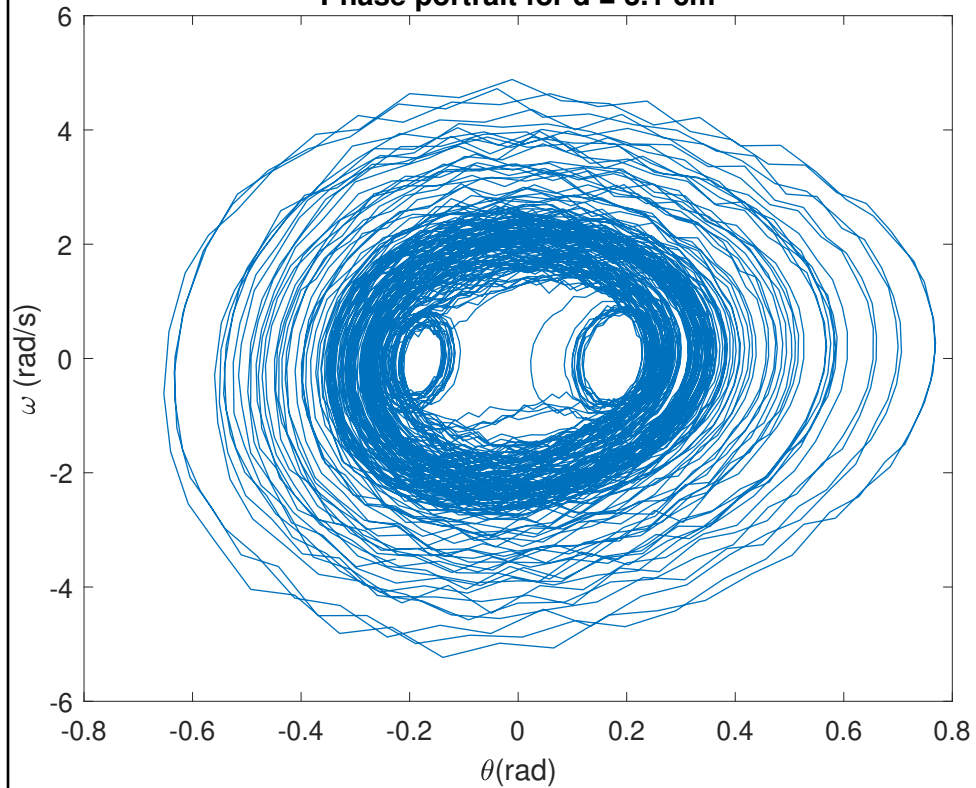


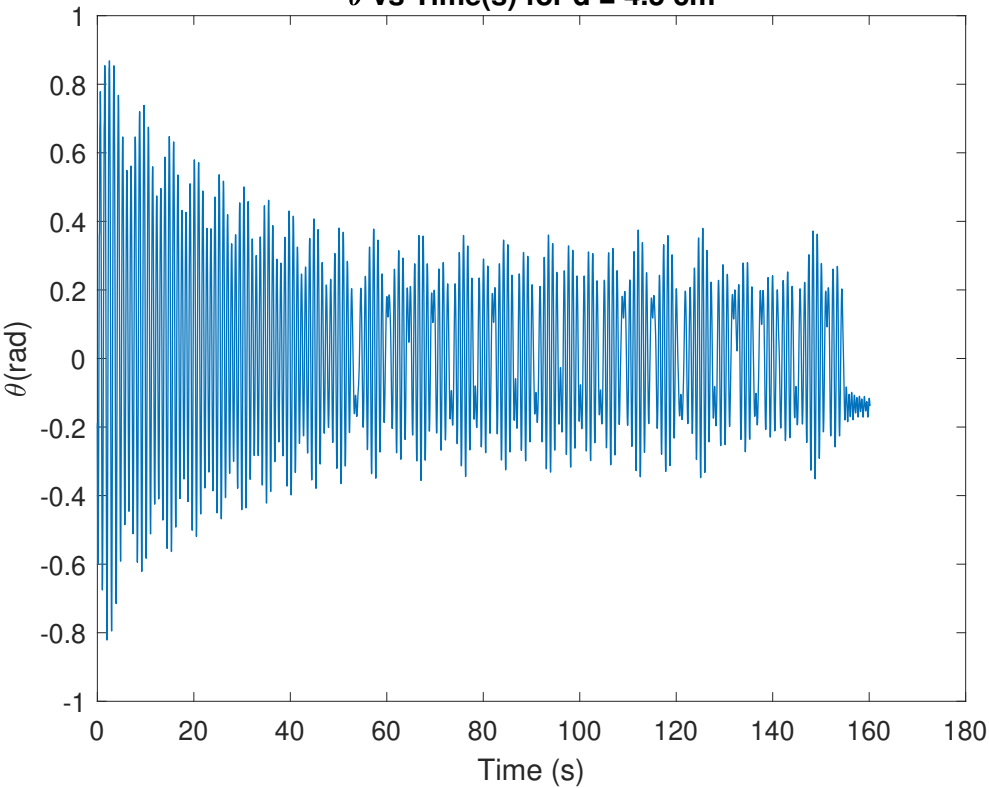
θ vs Time(s) for d = 3.1 cm



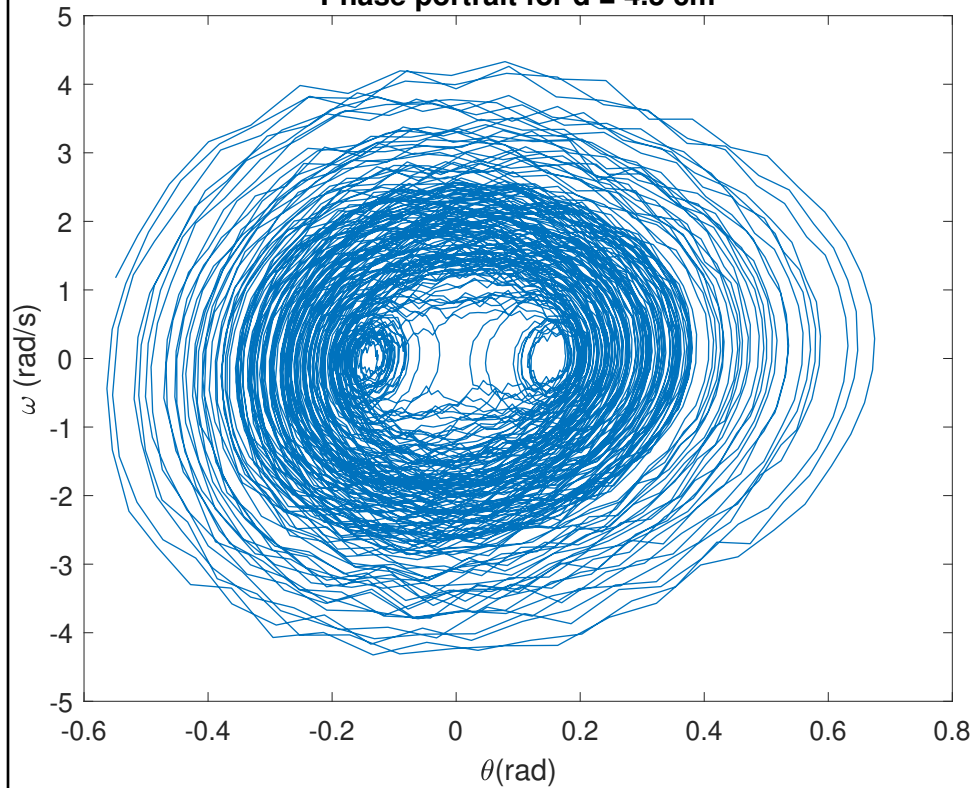
Phase portrait for d = 3.1 cm



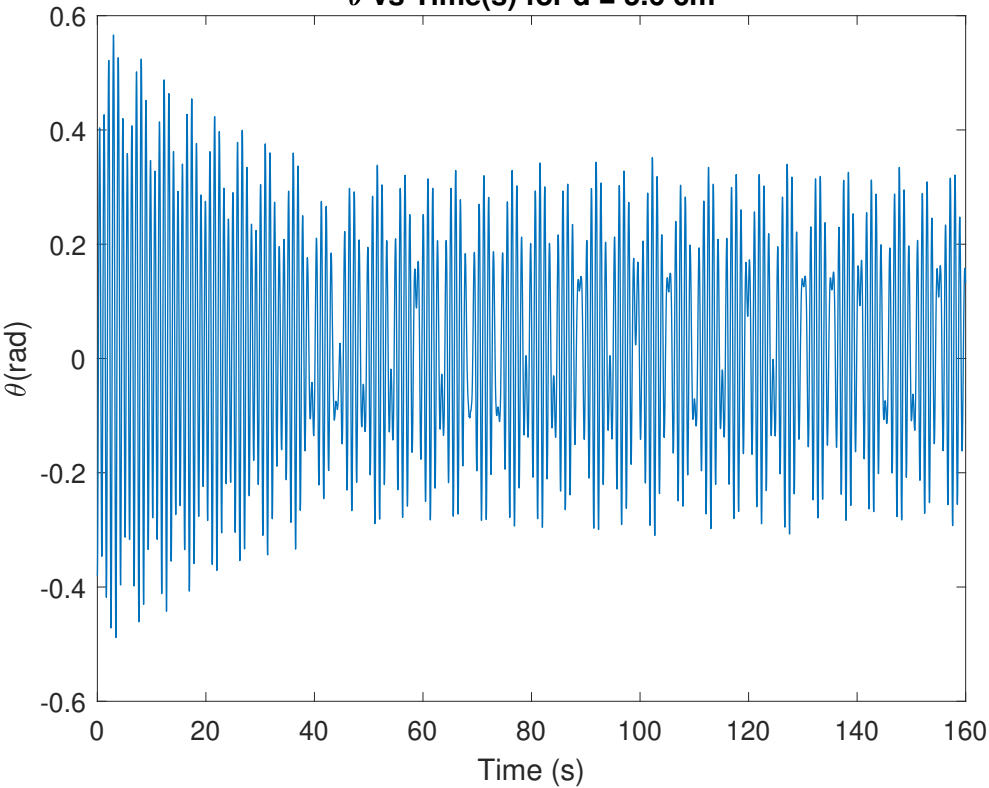
θ vs Time(s) for d = 4.5 cm



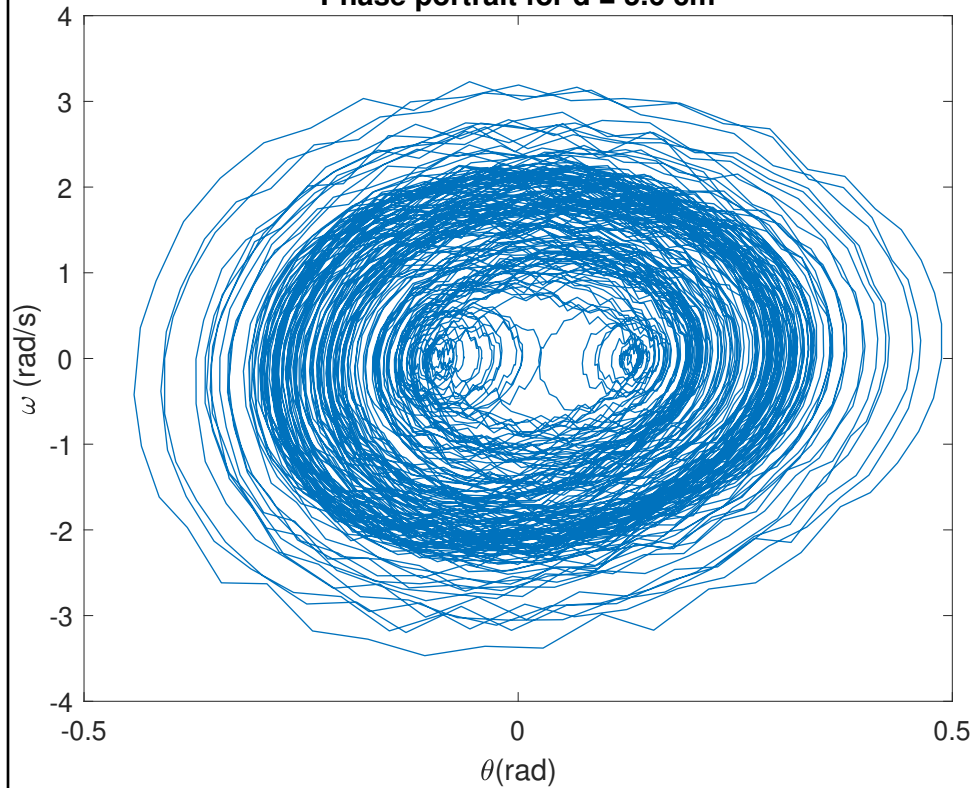
Phase portrait for d = 4.5 cm



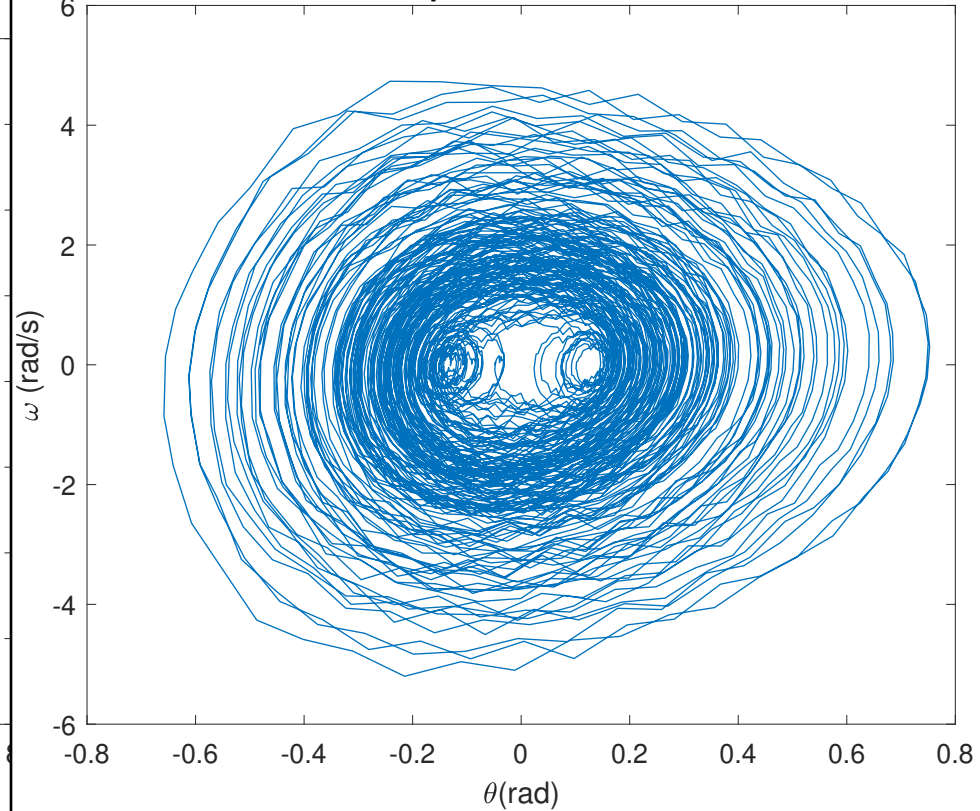
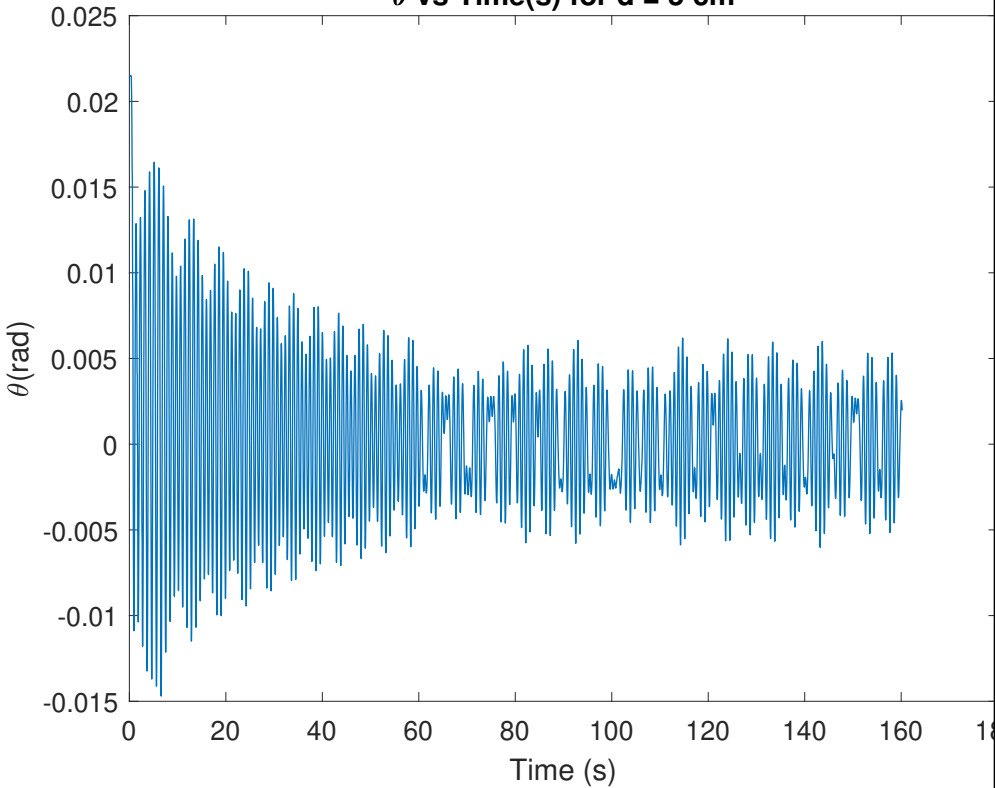
θ vs Time(s) for d = 5.6 cm



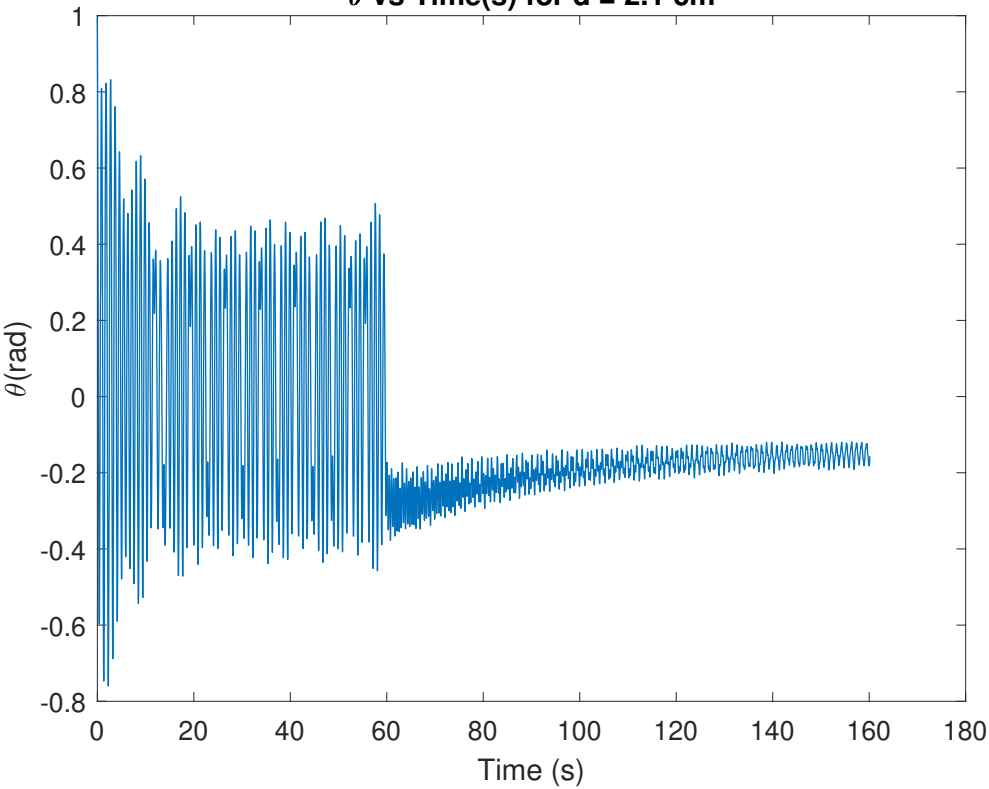
Phase portrait for d = 5.6 cm



θ vs Time(s) for d = 5 cm



θ vs Time(s) for d = 2.1 cm



Phase portrait for d = 2.1 cm

