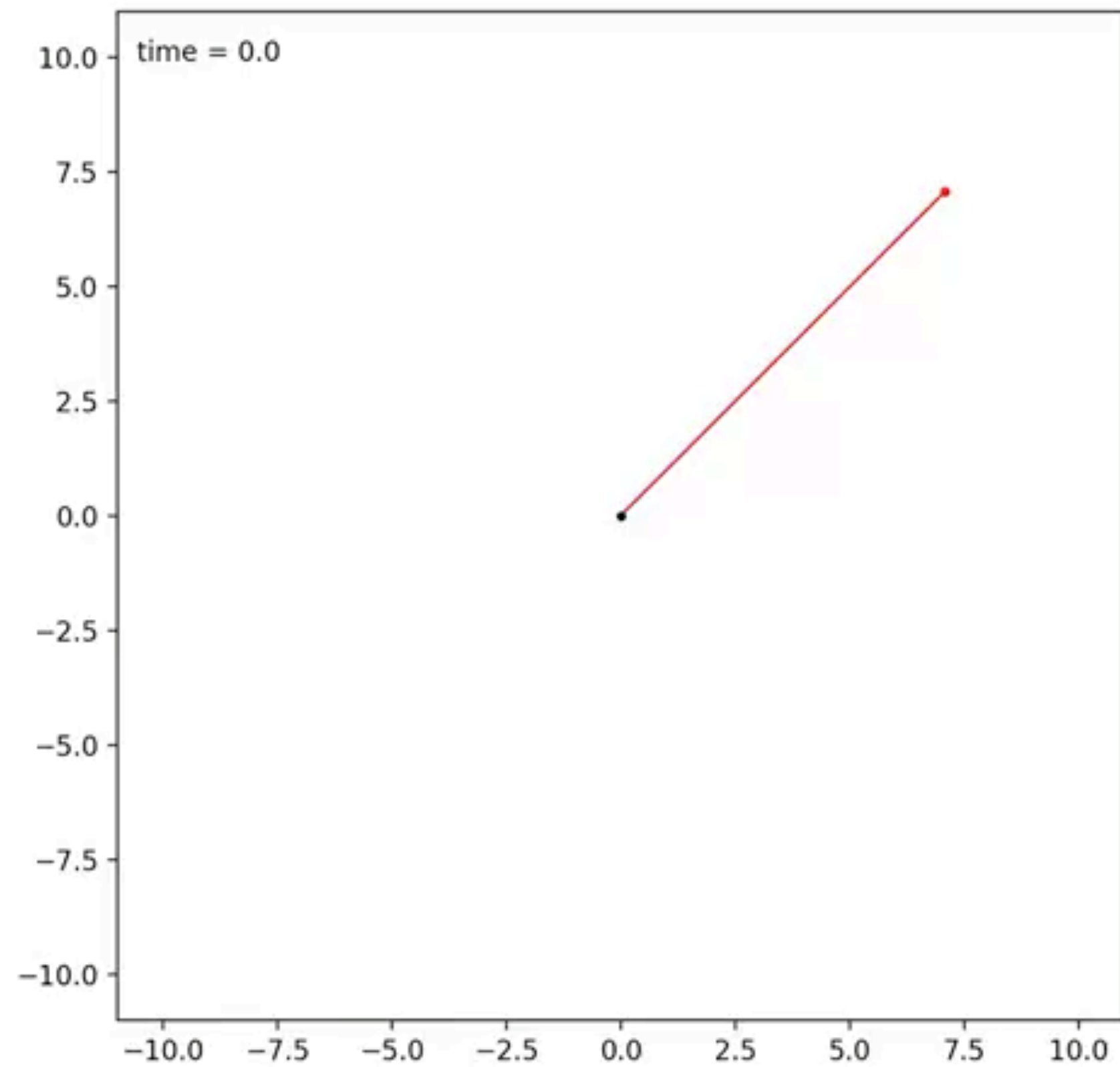


# Double Pendulum Observing System Simulation Experiment: Using Optimal Interpolation and Extended Kalman Filter

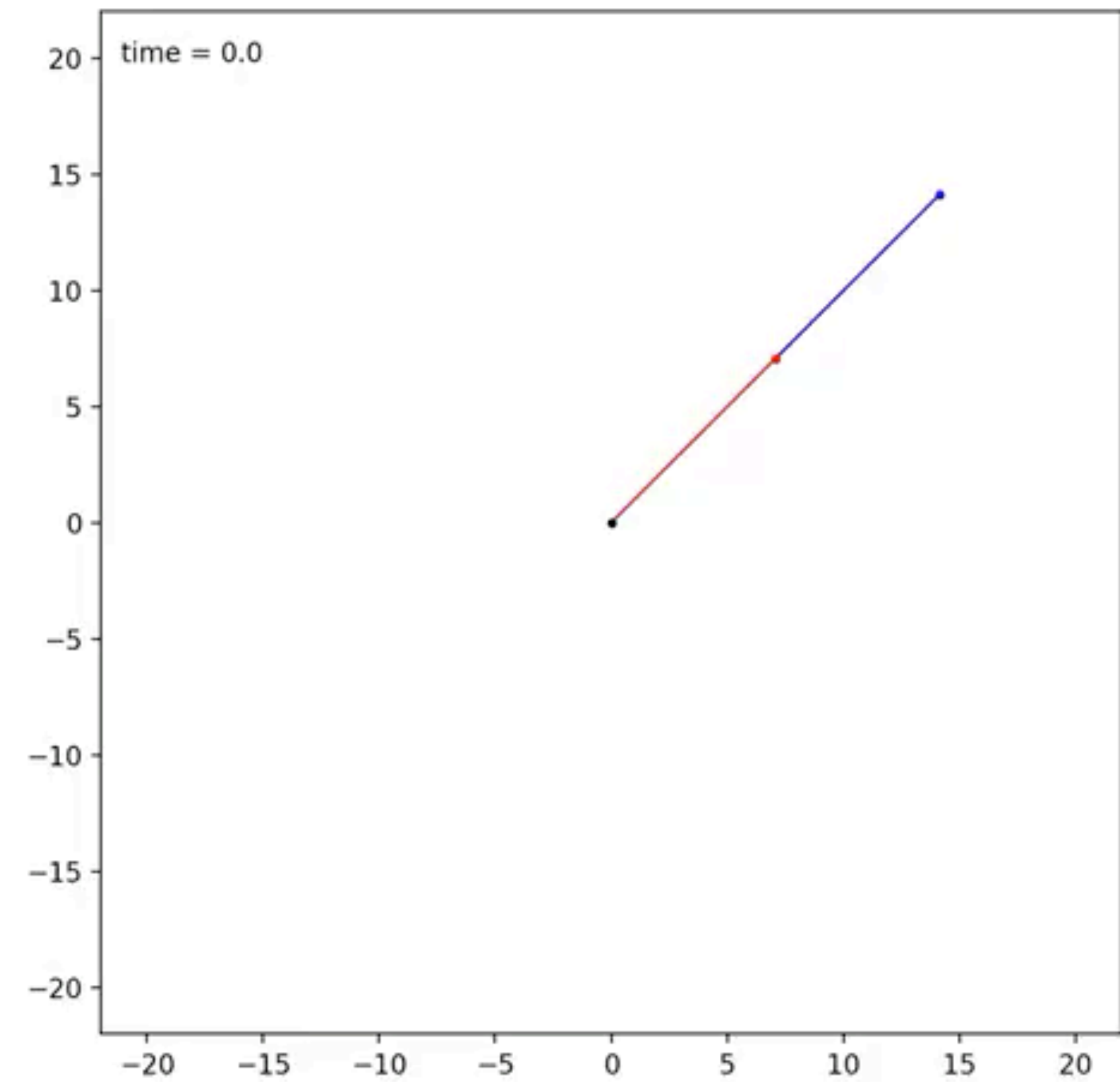
以最佳內插法與擴展卡爾曼濾波器對雙擺進行觀測系統模擬實驗

# Introduction

## About Double Pendulum



Single Pendulum



Double Pendulum