## Timeseries of UODE Error
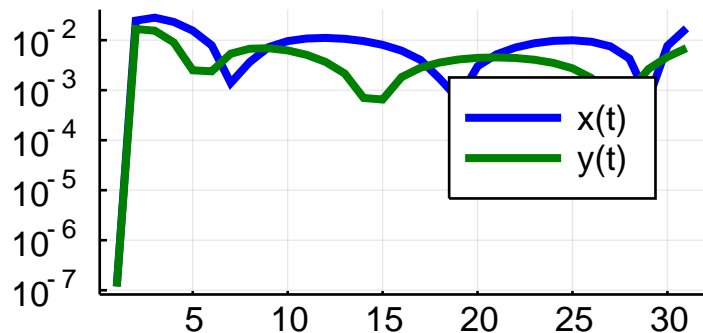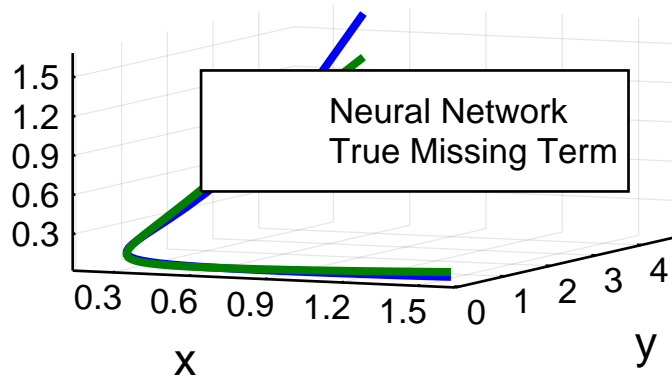
## Neural Network Fit of U2(t)

## Extrapolated Fit From Short Training Data