Observer in original coordinates Measuring x6 1.0  $x_1$  System  $10^{-1}$  $\hat{x_1}$  Observer 0.5 10<sup>-3</sup>  $\mathsf{x}_1$ 0.0 -0.5 $10^{-5}$ x<sub>1</sub> Error -1.0x<sub>2</sub> System 0.5 –––  $\hat{x}_2$  Observer 0.0  $\mathbf{x}_2$ -0.5-1.0 $x_3$  System 10<sup>0</sup> 1  $\hat{x}_3$  Observer ₽ 10<sup>-2</sup> **X**3 0  $10^{-4}$ -10.5  $10^{0}$ 0.0 x 10<sup>-2</sup> <sub>₹</sub> -0.5 -1.0x<sub>4</sub> System  $10^{-4}$  $\hat{x}_4$  Observer -1.510<sup>2</sup> 5 ↓ Бо х х 10<sup>-2</sup> ¬ 0 x<sub>5</sub> System -5  $\hat{x}_5$  Observer 10  $10^{1}$ 5 БН 10<sup>-1</sup>  $x_6$  System **-**5  $10^{-3}$  $\hat{x}_6$  Observer x<sub>6</sub> Error -1010 10 0 4 6 8 0 2 6 8 Time (s) Time (s)