









The estimator thinks Thest the drow is harrier (0.275 kg). This makes it believe That The same thrust would produces las acceleration. - I - the plot, the red are (corresponding to this + 10%) slightly logs behind the ground truth. - The mismetch is evident as a small but systematic bias where the filter is underationating the alltitude. ERRUR PLOT: You can see a consistent offset (negative bias) in the red trace compared to The The + 10% mass mismatch does Not destabalize the filter (it still does greeline moise) but brings in a systematic error. Instead of being centered at 0, the extraction error has a bics. The fitter cut fix this by itself because the prediction model is wrong. This illustration that the lefts dependent on its model. With a model mirmoth, the fitter snooths the noise but anverges to the wrong trajectory.