



Sensor Processing

MCHE 470 – Fall 2013

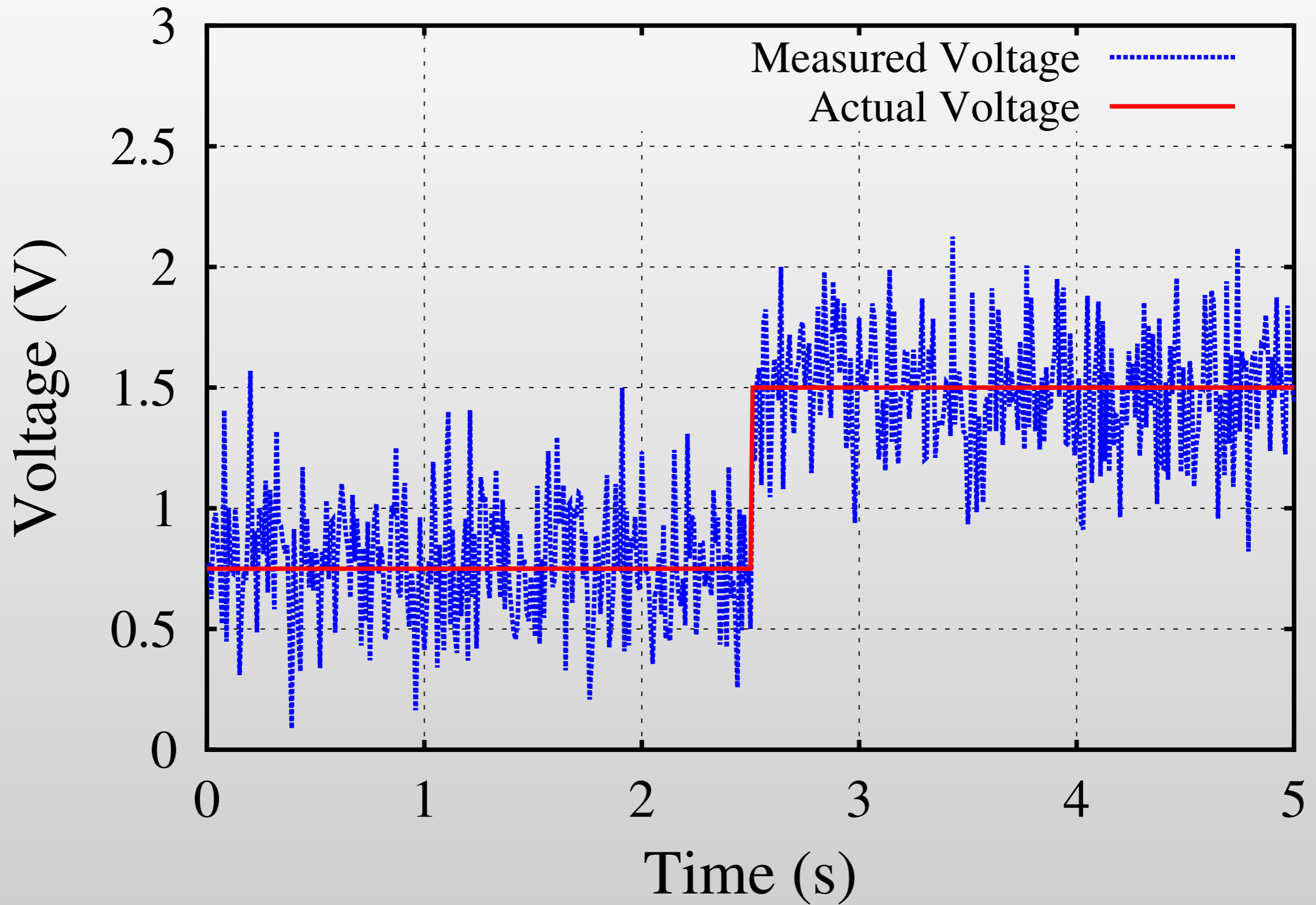
Dr. Joshua Vaughan

Rougeou 225

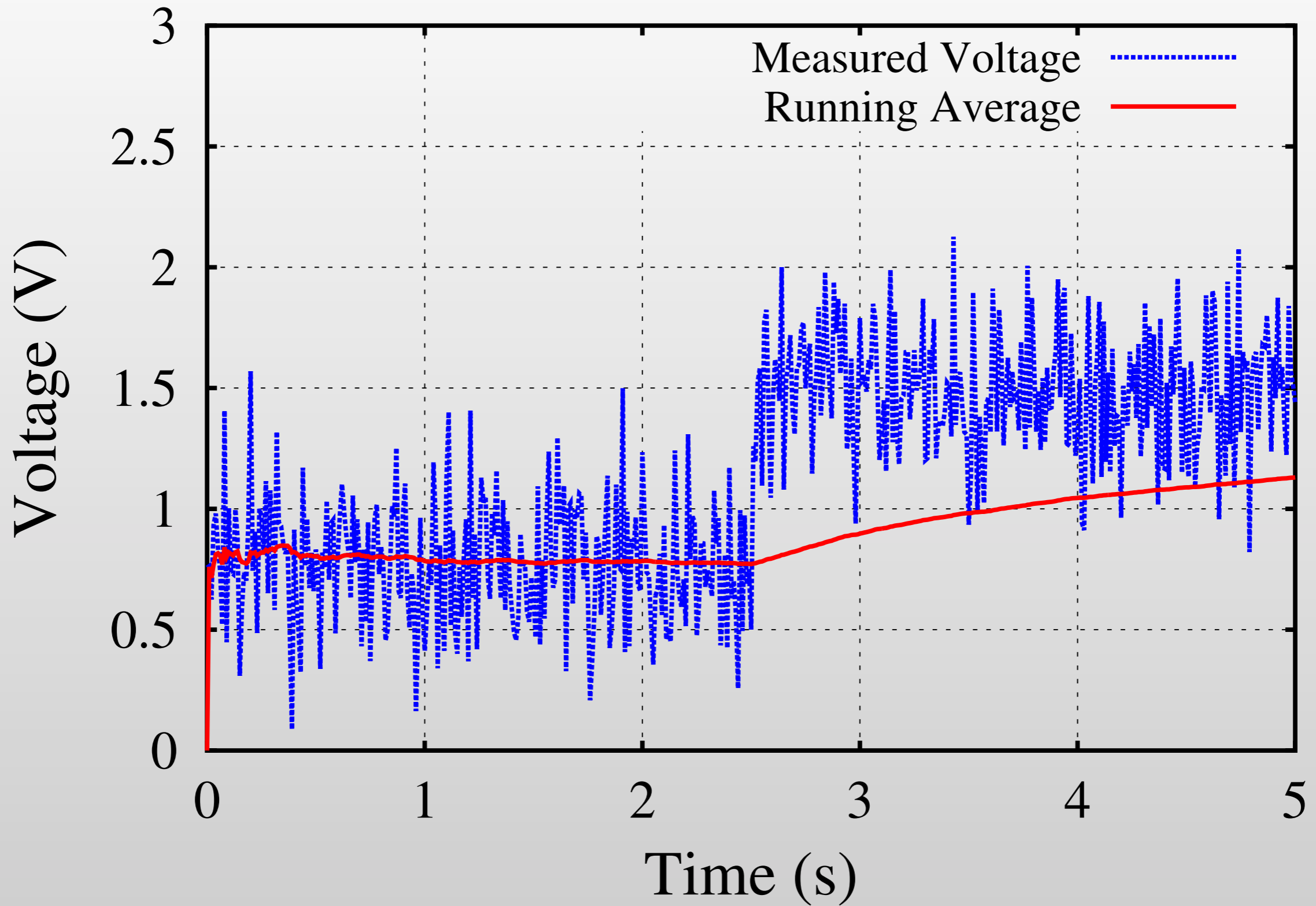
joshua.vaughan@louisiana.edu

[@Doc_Vaughan](#)

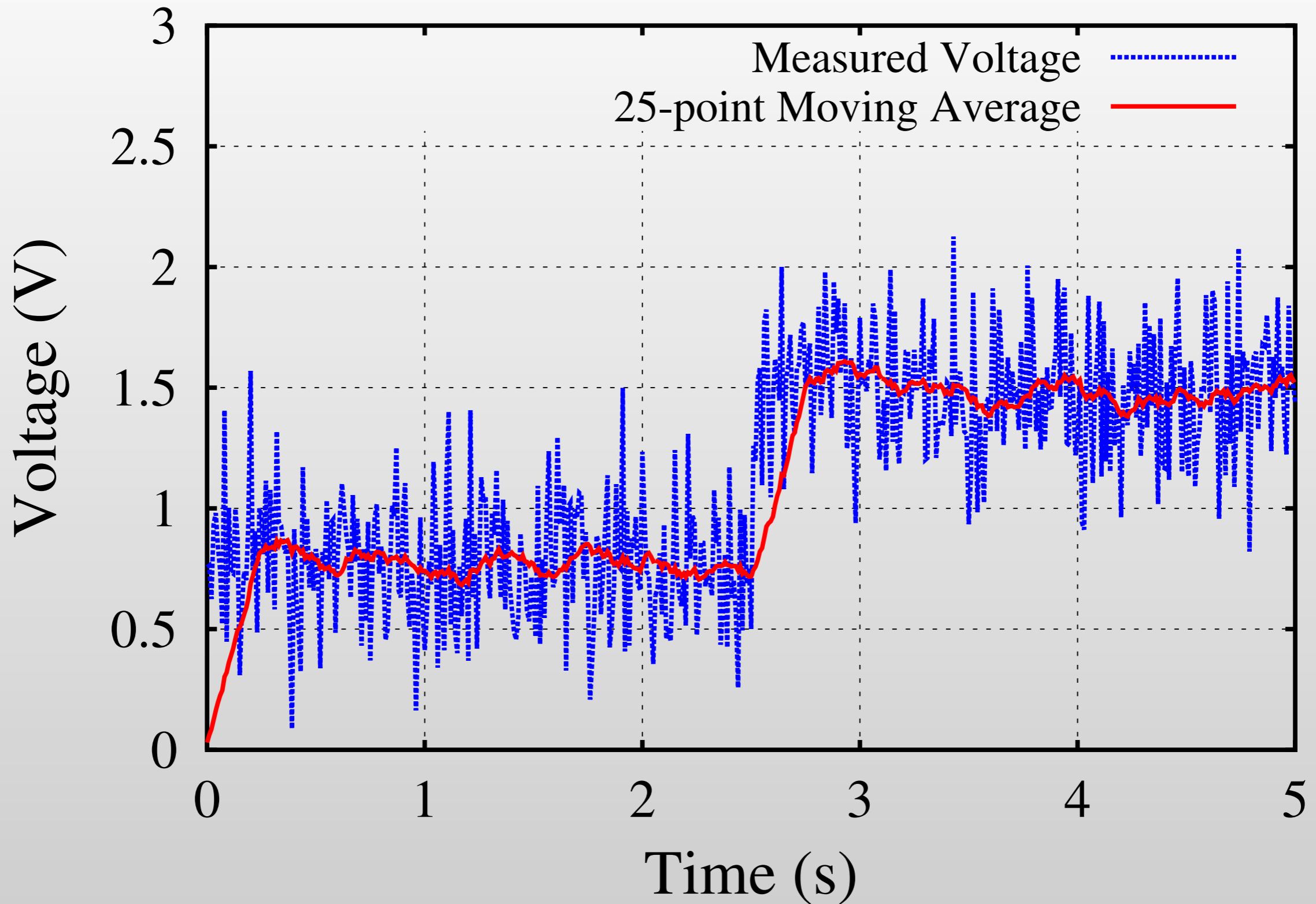
Our Data



Running Average



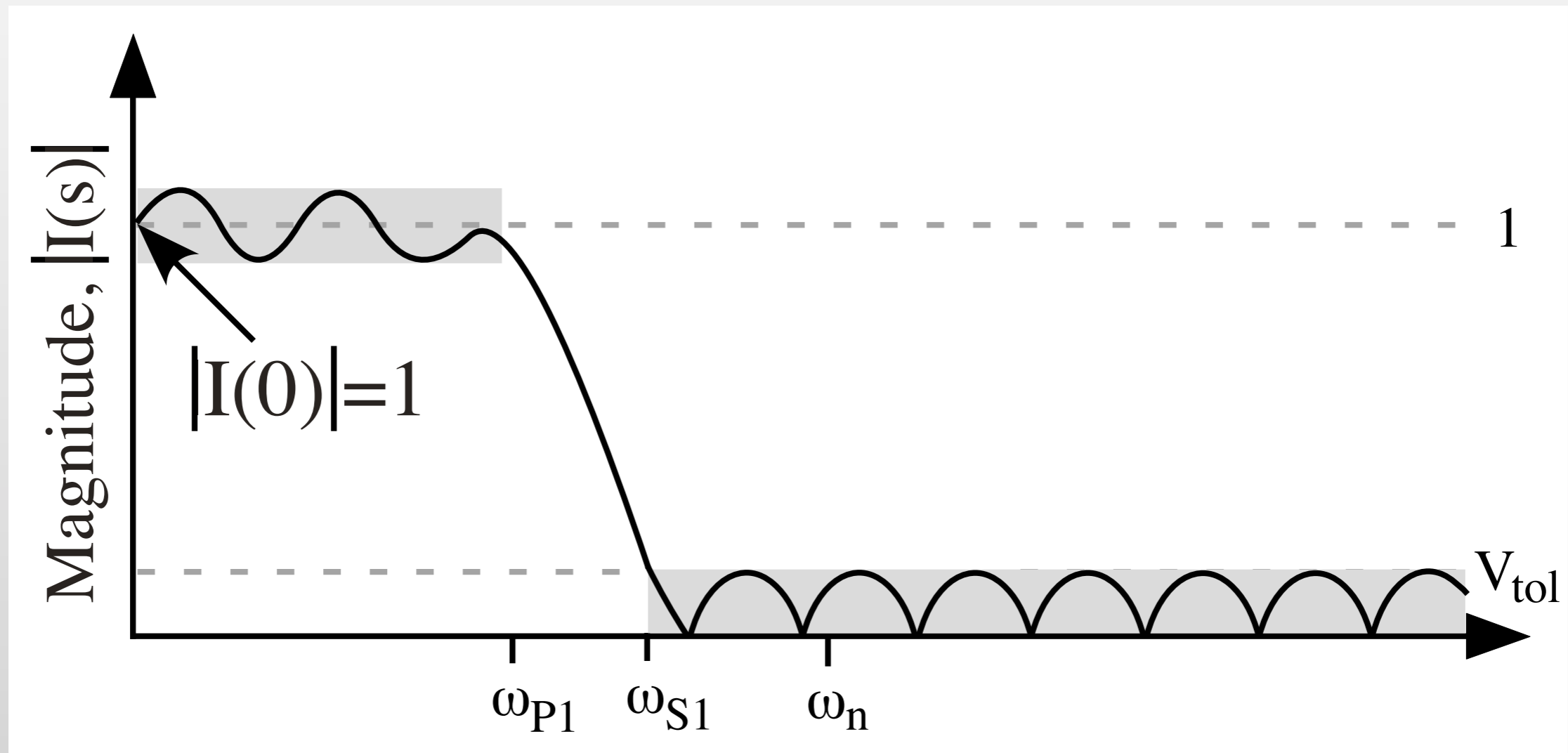
25-Point Moving Average



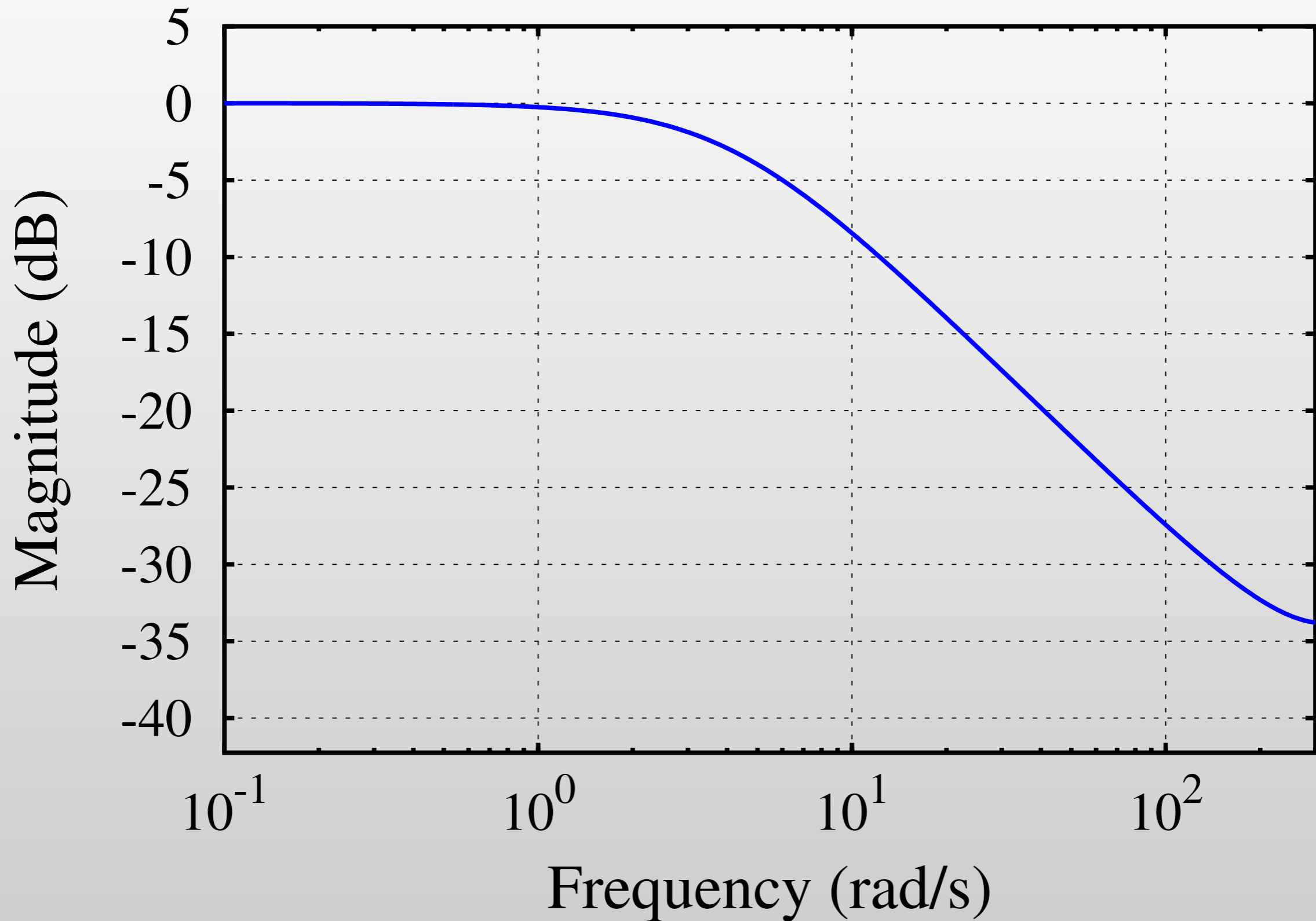
Low Pass Filter



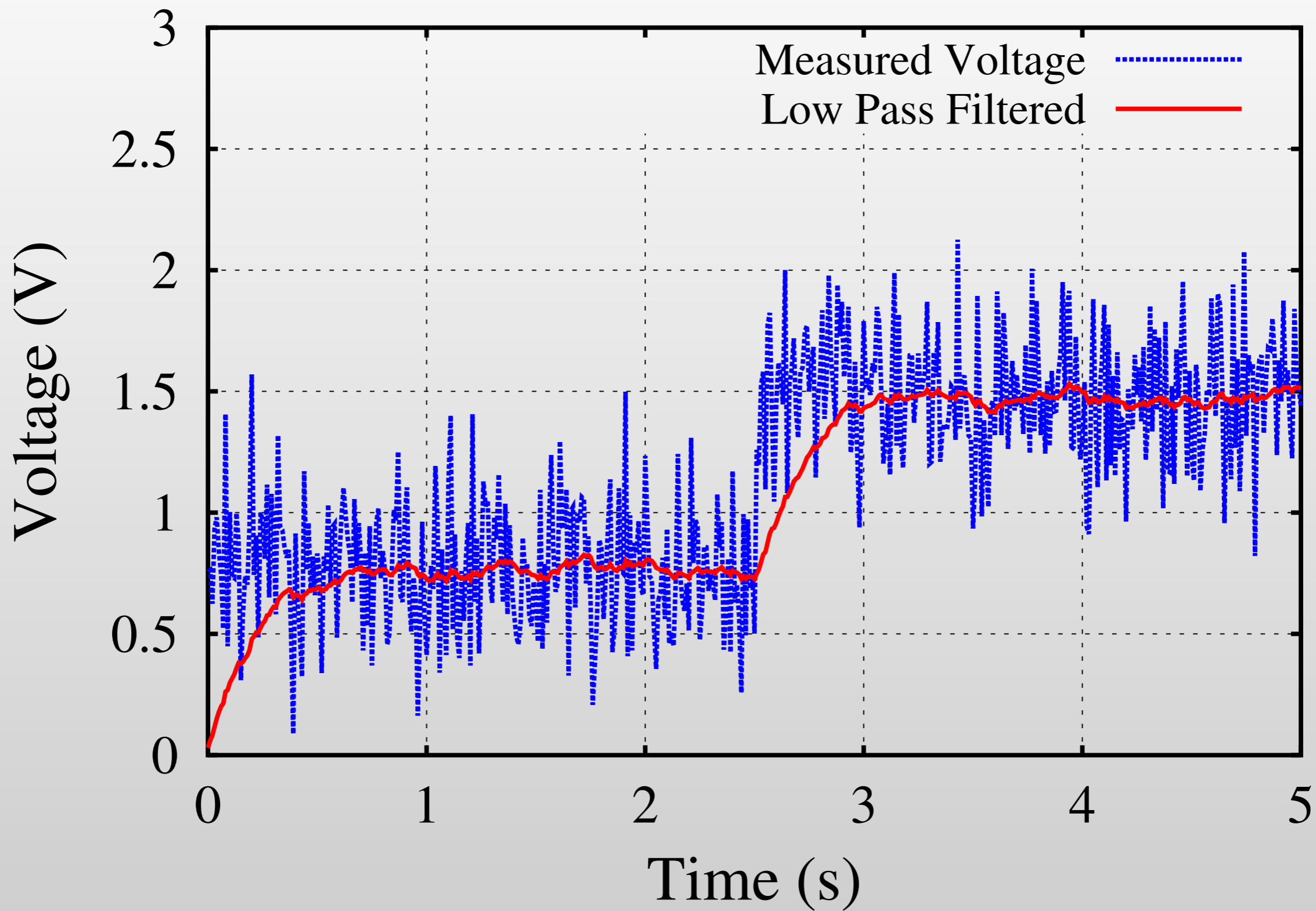
- Allow low freq. content to pass, block high-freq



For Our Data



Low Pass Filtered Data



A Preview – The Kalman Filter

