

Supplementary Material

Nanowire FET based Neural Element for Robotic Tactile Sensing System

William Taube Navaraj¹, Carlos G. Nunez¹, Dhayalan Shakthivel¹, Vincenzo Vinciguerra², Fabrice Labeau³, Duncan Gregory⁴ and Ravinder Dahiya^{1*}

¹Bendable Electronics and Sensing Technologies group, School of Engineering, University of Glasgow, UK.

²ST Microelectronics, Italy.

³McGill University, Montreal, Canada.

⁴School of Chemistry, University of Glasgow, UK

***Correspondence:** Ravinder.Dahiya@glasgow.ac.uk

3 Output of Sensory Decay Neuron in System Model implemented in SimBrain

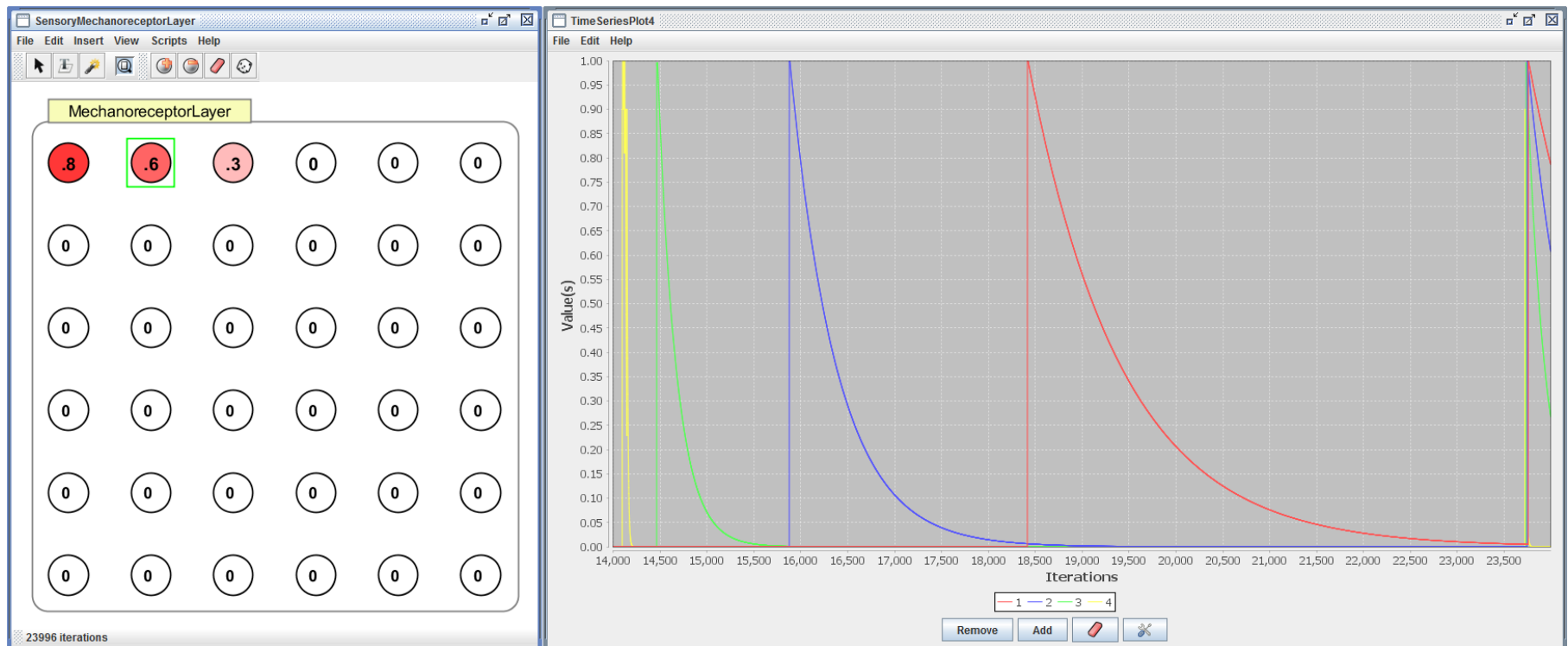


Fig. S3-1: Snapshot of the time series output of Sensory Decay Neuron in System Model implemented in SimBrain corresponding to decay constants Yellow(0.1), Green (0.005), Blue (0.002), Red (0.001),