**Error vs Input noise** (Single 4th Order Step Response) 10<sup>0</sup> 10<sup>-1</sup> Root Mean Square Error 10<sup>-3</sup> Hudzovic Tu/Tg Hudzovic t10/t50/t90 Sani Tu/Tg Sani t10/t50/t90 Hudzovic fit Sani fit 10<sup>-4</sup> 60 100 20 40 80 120 160 180 200 140 Normalised noise amplitude (%)