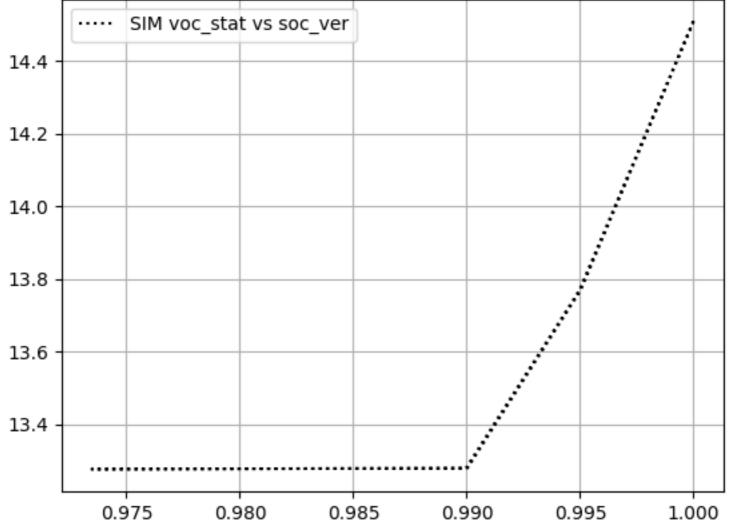
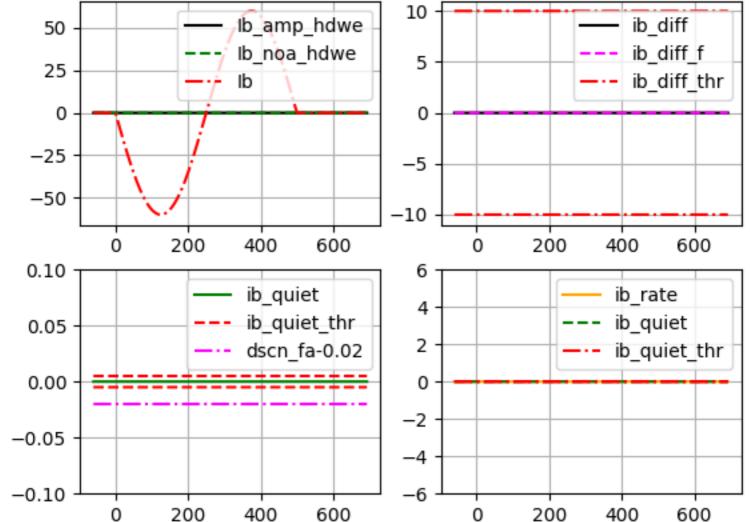
gression20220910_mon-MonSim.py 2022-09-11T03-55-05 1.000 soc ver 0.995 0.990 0.985 0.980 0.975 200 400 600 0 \$\psi_000 dv_hys, V_ver ib, A_ver 50 ioc hys indicator, A_ver_0.005 25 -0.010 0 -0.015-25-0.020 -50-0.0250 600 200 400 0 200 400 600

slowTweakRegression20220910_mon-MonSim.py 2022-09-11T03-55-05



gression20220910_mon-MonSim.py 2022-09-11T03-55-05 Mon Randles u[2]=vb ver Mon Randles x[1] ver 14.5 0.2 Mon Randles y=voc ver Mon Randles x[2] ver 14.0 0.0 13.5 -0.213.0 600 600 0 200 400 200 400 0 0.004 Mon Randles u[1]=Ib_ver Mon Randles x_dot[1] ver 50 Mon Randles x_dot[2] ver 25 0.002 0 0.000 -25 -0.002-50 600 0 200 400 200 600 0 400



sion20220910_mon-MonSim.py 2022-09-11T03-55-05 50 -Vb Ιb mod 10 mod_ver Vb_ver lb_ver 14 0 ib diff sat+2 ib diff f sat_new+2 13 -500 ib diff thr sel sel ver500 500 500 14.5 wrap_hi_flt+4 Voc stat e wrap 250 Voc stat ver wrap lo flt+4 e wrap filt 14.0 Vsat ewh thr wrap hi fa+2 0 ewl thr wrap lo fa+2 Vsat ver 13.5 voc soc+0.1-250 wrap vb fa+2 voc+0.1500 500 cc diff fa 00 0.2 cc_diff ib_diff_flt ib quiet cc diff thr ib quiet thr ib_diff_fa 0.0 D.0 dscn flt-4 vb_flt dscn fa+4 vb fa 2.5 tb flt -0.2500 500 tb fa 500 ib_sel_stat-2

gression20220910_mon-MonSim.py 2022-09-11T03-55-05 14.5 0.5 dV dyn Voc/stat dv_dyn_ver Voc stat ver 14.0 0.0 13.5 -0.5200 200 400 400 600 600 14.5 0.02 Voc y ekf Voc ver y_ekf ver 14.0 0.00 Voc ekf y filt ver Voc ekf ver y filt2 ver 13.5 +0.02200 400 600 200 400 600 0.00 dV hys temp c 40 dv hys s ver temp_c_ver -0.02dv_hys_req_s_ver mon_mod 20 dv hys s sim mod -0.04dv_hys_req_s 0 0 200dv_hýsover 600 0 200 400 600

gression20220910_mon-MonSim.py 2022-09-11T03-55-05 1.000 L.000 SOC soc_ekf **0**.995 0.995 soc ekf ver soc ver **0**.990 0.990 0.985 0.985 **0**.980 0.980 **0**.975 0.975 200 400 600 200 400 600 0 0 1.000 L.000 SOC SOC 0.995 **0**.995 soc ver soc ver SOC S 0.990 0.990 soc s ver **0**.985 0.985 soc ekf **0**.980 0.980 soc ekf ver **0**.975 0.975 0 200 400 600 200 400 600 0

sion20220910_mon-MonSim.py 2022-09-11T03-55-05 1.000 Vb ٧b SOC Vb_hdwe Vb_hdwe soc_ver Vb_ver Vb ver soc_s_ver 14.5 0.995 soc_ekf_ver Vb_s_ver Vb s ver 0.990 14.0 14.0 0.985 **1**3.5 13.5 0.980 13.0 13.0 0.975 500 500 0.98 0.99 1.00

sion20220910_mon-MonSim.py 2022-09-11T03-55-05 I]00 50 ib s voc stat s SOC/S voc_stat_s_ver ib s ver 0 99 soc_s_ver 14 0 ib vsat s/ 0.98 ib ver vsat s ver 13 -50vb s 500 500 vb s ver500 **b**.5 50 26 Tb s dv dyn s ib_s Tb s ver dv dyn s ver 0.0 25 0 Tbl s dv dyn IOC Tbl_s_ver dv/dyn ver ioc ver 24 50 0.5 ioc s 500 500 ioc s ver L.0 dq_s chem reset s dq_s_ver reset s ver chm_ver 0.5 -5000chem_s smv.chm_s_ver sv.chm_ver+3 b.o -10000500 smv.chm s ver+3 500