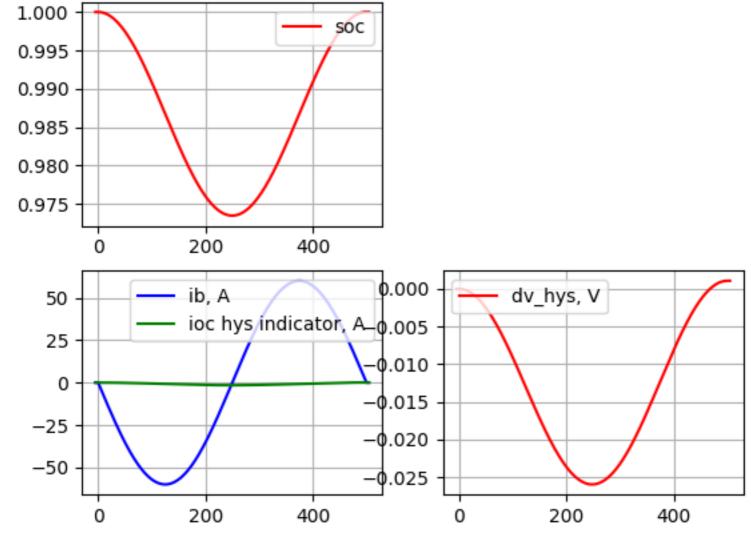
essionTest20220716\_mon-MonSim.py 2022-07-16T12-12-14



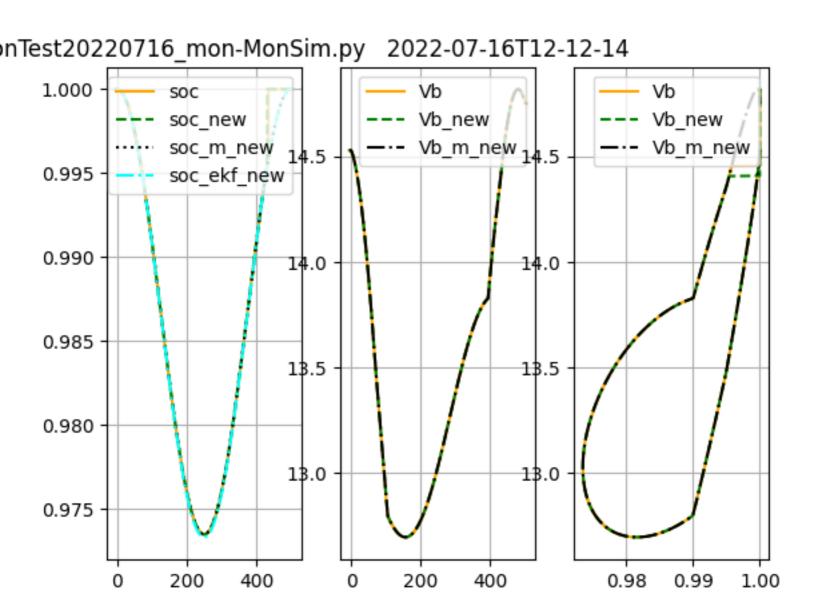
slowTweakRegressionTest20220716\_mon-MonSim.py 2022-07-16T12-12-14 SIM voc vs soc 14.4 14.2 14.0 13.8 13.6 13.4 0.975 0.990 0.995 1.000 0.980 0.985

essionTest20220716\_mon-MonSim.py 2022-07-16T12-12-14 Mon Randles u[2]=vb Mon Randles x[1] 14.5 0.2 Mon Randles y=voc Mon Randles x[2] 14.0 0.0 13.5 -0.213.0 200 400 400 200 0.004 Mon Randles x dot[1] Mon Randles u[1]=Ib 50 Mon Randles x\_dot[2] 0.002 25 0 0.000 -25 -0.002-50 200 400 200 400

essionTest20220716\_mon-MonSim.py 2022-07-16T12-12-14 15 lb sat 50 lb\_new sat\_new 25 10 sel sel new 0 mod 5 -25mod\_new -500 -200 400 200 400 L4.50 Vb Voc stat 14.5 Vb\_new Voc stat new **1**4.25 Vsat 14.0 L4.00 Vsat new 13.5 L3.75 L3.50 13.0 13.25 200 400 200 400

essionTest20220716\_mon-MonSim.py 2022-07-16T12-12-14 14.5 0.5 dV dyn Voc stat dv\_dyn\_new Voc stat new 14.0 0.0 13.5 -0.5200 400 200 400 14.5 0.004 Voc y ekf Voc new y ekf new 14.0 0.002 Voc ekf y filt new y filt2 new Voc ekf new 13.5 **0**.000 200 400 200 400 0.00 dV hys temp\_c 40 dv\_hys\_m\_new temp c new dv\_hys\_req/m\_new 20 -0.02dv hys m dv\_hys\_req\_m dv\_thys\_new400 0 200 400

essionTest20220716\_mon-MonSim.py 2022-07-16T12-12-14 1.000 L.000 SOC soc ekf **0**.995 0.995 soc/new soc ekf/new 0.990 **0**.990 0.985 0.985 **0**.980 0.980 ø.975 · 0.975 -200 400 200 400 1.000 L.000 soc wt SOC 0.995 0.995 soc\_wt/new soc new SOC soc\_m 0.990 **0**.990 soc new soc\_m\_new 0.985 0.985 soc ekf 0.980 **0**.980 soc ekf new 0.975 -**0**.975 200 400 200 400



nTest20220716\_mon-MonSim.py 2022-07-16T12-12-14 000 50 ib\_m soc m voc stat m ib m\_new 0.99 voc\_stat\_m\_new soc m new 0 ib vsat m 0.98 vsat m new ib\_new -50vb m 400 200 200 400 **vb m**0**new** 400 26 Tb\_m dv\_dyn\_m Tb\_m\_new dv dyn m new 25 Tbl\_m dv dyn Tbl m new dv\_dyn\_new 24 200 400 200 400 ..0 dq\_m reset\_m dq\_m\_new reset m new **0**.5 -5000b.o -10000

200

400

200

400

