

Profile Summary (Total time: 4.896 s)

Generated 04-Feb-2022 20:52:33 using performance time.

Function Name	Calls	Total Time (s)	Self Time* (s)	Total Time Plot (dark band = self time)
Main	1	4.476	0.362	
Main>OptimizationFunction	139	3.067	0.039	
ode45	140	3.044	0.888	
fminsearch	1	2.370	0.043	
Main>@(delta_V_S)OptimizationFunction(delta_V_S)	99	2.323	0.002	
funfun\private\odezero	15189	1.085	0.594	
Main>@(t,input)ODEFUN(t,input)	91340	0.764	0.291	
ODEFUN	91340	0.472	0.472	
Main>myevents	20179	0.432	0.432	
close	1	0.365	0.002	
close>request_close	1	0.315	0.003	
closereq	1	0.309	0.160	
Legend.doUpdate	1	0.262	0.014	
legend	1	0.211	0.006	
legend>make_legend	1	0.205	0.006	
Legend.doMethod	11	0.185	0.007	
funfun\private\ntpr45split	15189	0.170	0.170	
hold	1	0.118	0.016	
Legend.Legend>Legend.Legend	2	0.101	0.017	
Legend.doMethod>createEntries	1	0.094	0.022	
funfun\private\ntpr45	4990	0.078	0.078	
CanvasPlugin.CanvasPlugin>CanvasPlugin.createCanvas	1	0.075	0.010	
legend>process_inputs	1	0.071	0.008	
Legend.doSetup>@(h,e)hObj.doDelete	2	0.069	0.001	
Legend.doDelete	2	0.068	0.065	
...youtManager.AxesLayoutManager>AxesLayoutManager.doUpdate	1	0.067	0.013	
odeset	141	0.063	0.045	
axis	1	0.062	0.002	
updateLegendMenuToolbar	3	0.059	0.011	
funfun\private\odearguments	140	0.058	0.031	
setdiff	4	0.058	0.003	
polyshape.plot	1	0.057	0.033	
setdiff>setdiffR2012a	4	0.055	0.018	
Legend.doSetup	2	0.053	0.013	
Legend.doMethod>layoutEntries	1	0.051	0.019	
Legend.Legend>Legend.setAxes	1	0.051	0.001	
Legend.autoUpdateCallback	1	0.050	0.005	
Legend.Legend>Legend.setAxes_I	1	0.050	0.000	
Legend.Legend>Legend.setAxesImpl	1	0.049	0.003	
LegendEntry.LegendEntry>LegendEntry.LegendEntry	3	0.049	0.004	