

Console

Startup execution:

loading initial environment

atomsLoad: The file 'C:\Users\itskb\AppData\Roaming\Scilab\scilab-2025.1.0\atoms\x64\der4.2.3\loader.sce' from (guibuilder - 4.2.3) does not exist or is not read accessible.

ans =

"D:\College Docs\Internships & Placements\FOSSEE Scilab Summer Int\Project Code and Proposals\Project 3"

--> xcos('D:\College Docs\Internships & Placements\FOSSEE Scilab Summer Int\Project Code and Proposals\Project 3\damper_workflow.zcos')

--> exec('D:\College Docs\Internships & Placements\FOSSEE Scilab Summer Int\Project Code and Proposals\Project 3\constants_damper.sci', -1)

--> max(bodytravel.values),min(bodytravel.values),max(vertacc.values),min(vertacc.values)

ans =

0.0400781

ans =

-0.0826589

ans =

3.5502860

ans =

-9.4678041

--> plot2d(vertacc.time,vertacc.values,style=1);

--> exec('D:\College Docs\Internships & Placements\FOSSEE Scilab Summer Int\Project Code and Proposals\Project 3\constants_damper.sci', -1)

--> max(bodytravel.values),min(bodytravel.values),max(vertacc.values),min(vertacc.values)

ans =

0.0466103

ans =

-0.0788352

ans =

3.0491224

ans =

-9.1146625

-->

--> plot2d(vertacc.time,vertacc.values,style=2);

--> exec('D:\College Docs\Internships & Placements\FOSSEE Scilab Summer Int\Projects and Proposals\Project 3\constants_damper.sci', -1)

--> max(bodytravel.values),min(bodytravel.values),max(vertacc.values),min(vertacc.values)

ans =

0.0518423

ans =

-0.0751120

ans =

2.5056126

ans =

-8.8069162

--> plot2d(vertacc.time,vertacc.values,style=3);

--> max(bodytravel.values),min(bodytravel.values),max(vertacc.values),min(vertacc.values)

ans =

0.0518423

ans =

-0.0751120

ans =

2.5056126

ans =

-8.8069162

--> max(bodytravel.values),min(bodytravel.values),max(vertacc.values),min(vertacc.valu

ans =

0.0518423

ans =

-0.0751120

ans =

2.5056126

ans =

-8.8069162

-->

--> max(bodytravel.values),min(bodytravel.values),max(vertacc.values),min(vertacc.valu

ans =

0.0518423

ans =

-0.0751120

ans =

2.5056126

ans =

-8.8069162

--> exec('D:\College Docs\Internships & Placements\FOSSEE Scilab Summer Int\Project reports and Proposals\Project 3\constants_damper.sci', -1)

--> max(bodytravel.values),min(bodytravel.values),max(vertacc.values),min(vertacc.valu

ans =

0.0559279

ans =

-0.0714874

ans =

1.9263490

ans =

-8.5425330

-->

-->

--> plot2d(vertacc.time,vertacc.values,style=4);

--> exec('D:\College Docs\Internships & Placements\FOSSEE Scilab Summer Int\Project reports and Proposals\Project 3\constants_damper.sci', -1)

--> plot2d(vertacc.time,vertacc.values,style=5);

--> plot2d(vertacc.time,vertacc.values,style=5);

-->

--> legend(['k = 10000';'k = 12291';'k = 14582';'k = 16873';'k = 19165'])

ans =

'''