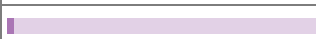
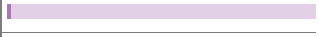
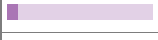
Profile Summary (Total time: 192.536 s)

Generated 19-May-2025 20:26:36 using performance time.

Function Name	Calls	Total Time (s)	Self Time* (s)	Total Time Plot (dark band = self time)
Contribution_matrix	1	192.485	3.388	
integral2	249640	189.097	1.969	
funfun\private\integral2Calc	249640	180.976	0.830	
funfun\private\integral2Calc>integral2t	249640	180.146	17.158	
funfun\private\integral2Calc>integral2t/tensor	1233348	127.349	33.681	
Contribution_matrix>@(x,y)negative(x,y)-positive(x,y)	1482988	89.326	5.448	
…((2.*m.*xg)+x).^2+((2.*m.*yg)+y).^2+((2.*m.*zg)-qsphere(x,y)).^2).^1.5	1482988	42.945	37.641	
…(2.*m.*xg)+x).^2+((2.*m.*yg)+y).^2+((2.*m.*zg)+qsphere(x,y)).^2).^1.5	1482988	40.933	36.207	
funfun\private\integral2Calc>integral2t/SaveRectInfo	1233348	31.197	11.447	
funfun\private\integral2Calc>integral2t/AddToLists	998612	19.750	19.750	
Contribution_matrix>@(x,y)sqrt(1-y.^2-x.^2)	5931952	10.031	10.031	
funfun\private\integral2ParseArgs	249640	6.151	4.894	
funfun\private\integral2Calc>integral2t/NextEntry	983708	3.142	3.142	
Contribution_matrix>@(x)-1.*sqrt(1-x.^2)	1233348	2.575	2.575	
Contribution_matrix>@(x)sqrt(1-x.^2)	1233348	1.766	1.766	
funfun\private\Gauss3Kronrod7	249640	1.301	1.301	
funfun\private\integral2ParseArgs>validateMethod	249640	0.669	0.669	
funfun\private\integral2ParseArgs>validateAbsTol	249640	0.302	0.302	
funfun\private\integral2ParseArgs>validateRelTol	249640	0.287	0.287	
workspacefunc	20	0.040	0.013	
workspacefunc>getShortValueObjectJ	16	0.018	0.009	
Channel>@(source,data)obj.onCustomEvent(data.Type,data.Data)	2	0.010	0.001	
Channel>Channel.onCustomEvent	2	0.009	0.001	
workspacefunc>num2complex	28	0.007	0.002	
webwindow>@(source,data)obj.onCustomEvent(data.Type,data.Data)	2	0.007	0.001	
webwindow>webwindow.onCustomEvent	2	0.007	0.005	
workspacefunc>createComplexScalar	27	0.003	0.002	
workspacefunc>getWhosInformation	1	0.003	0.003	
now	20	0.002	0.001	
workspacefunc>getAbstractValueSummaryJ	1	0.002	0.002	
workspacefunc>localIsString	16	0.002	0.002	
datenum	20	0.002	0.002	
workspacefunc>getCleanupHandler	1	0.001	0.001	
webwindow>@(varargin)obj.restoreCallbackState(varargin{:})	2	0.001	0.001	
workspacefunc>localIsDistributedType	17	0.001	0.001	
codetools\private\dataviewerhelper	27	0.001	0.001	
….mathworks.mlwidgets.workspace.MatlabWorkspaceListener.swl(swl)	1	0.001	0.000	
ensureServiceOn	1	0.001	0.001	
CustomEventInfo>CustomEventInfo.CustomEventInfo	2	0.001	0.001	
…dgets.spreadsheet.data.ComplexScalarFactory.valueOf (Java method)	27	0.000	0.000	
workspacefunc>getclass	1	0.000	0.000	
usejava	2	0.000	0.000	
webwindow>webwindow.restoreCallbackState	2	0.000	0.000	
codetools\private\dataviewerhelper>upconvertIntegralType	27	0.000	0.000	
…ks.mlwidgets.workspace.MatlabWorkspaceListener.swl (Java method)	2	0.000	0.000	

java.lang.String (Java method)	6	0.000	0.000	
com.mathworks.mlwidgets.workspace.WhosInformation (Java method)	1	0.000	0.000	
…toolbox.matlab.webwindow.FocusManager.getInstance (Java method)	2	0.000	0.000	
…s.spreadsheet.data.ValueSummaryFactory.getInstance (Java method)	1	0.000	0.000	
….mathworks.toolbox.matlab.webwindow.FocusManager (Java method)	2	0.000	0.000	

***Self time** is the time spent in a function excluding any time spent in child functions. The time includes any overhead time resulting from the profiling process.