Profile Summary (Total time: 4201.609 s)

Generated 03-Dec-2022 16:23:39 using performance time.

Function Name	Calls	Total Time (s)	Self Time* (s)	Total Time Plot (dark band = self time)
assignment3_ex1	1	4200.040	0.183	
ex1a_iterate_studentT	1	4176.872	353.199	
…tep(X,w,nu_r,mu_r,sigma_r,regularize,@ex1a_nu_step_mmf,delta_r)	18	3523.703	0.318	
ex1a_studentT_step	18	3523.386	2895.907	
mpower	20	704.999	0.272	
mpower>integerMpower	20	704.728	704.728	
…n(nu/2)-nu.*log(nu)+(dim+nu).*sum(w.*log(nu+delta))+log(det(sigma))	19	221.382	221.382	
trnd	1	22.985	22.985	
ex1a_nu_step_mmf	18	1.068	0.469	
mdbstatus	1	0.896	0.090	
mdbstatus>localGetFileBreakpoints	1	0.806	0.806	
getSystemObjectInfo	1	0.475	0.015	
getSystemObjectInfo	1	0.460	0.017	
isSystemObjectFile	1	0.443	0.050	
ex1a_newton	18	0.362	0.201	
isSystemObjectCode	1	0.321	0.005	
isSystemObjectCode>pIsSystemObjectCode	1	0.316	0.044	
…um((x+dim_dat)./(x+delta_r)-log((x+dim_dat)./(x+delta_r))-1)/n_samp	18	0.237	0.237	
mtree.mtree>mtree.mtree	2	0.188	0.111	
ParseTreeUtils>ParseTreeUtils.getTree	1	0.162	0.026	
ex1a_nu_step_mmf>@(nu)A(nu)-A(nu+dim_dat)+b_nu_r	23	0.145	0.039	
ex1a_nu_step_mmf>@(x)psi(x/2)-log(x/2)	46	0.107	0.107	
mtree.mtfind	1	0.101	0.017	
FigureController>FigureController.flushCoalescer	8	0.100	0.022	
getFileInfoForToolstrip	1	0.097	0.032	
mtree.restrict	1	0.083	0.041	
fileparts	3	0.074	0.036	
FigureController>FigureController.commitPropertyChanges	8	0.051	0.027	
mtree.pathit	1	0.043	0.032	
fileparts>legacyPCExecution	3	0.038	0.038	
getCode	1	0.035	0.014	
mtree.wholetree	2	0.026	0.026	
WebEventHandlingService>WebEventHandlingService.isPeerModel	8	0.024	0.007	
ViewModelSynchronizer>ViewModelSynchronizer.commit	8	0.022	0.022	
mfile	1	0.020	0.002	
fileread	1	0.017	0.017	
mtree.mtree>validateInput	2	0.017	0.017	
ManagerFactoryProducer>ManagerFactoryProducer.isPeerModel	8	0.017	0.004	
ex1a_nu_step_mmf>@(nu)derivative_A(nu)-derivative_A(nu+dim_dat)	5	0.015	0.005	
PeerModelManagerHelper>PeerModelManagerHelper.isViewModel	8	0.012	0.007	
@mtree\private\collect_qualifiers	1	0.011	0.009	

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ex1a_nu_step_mmf>@(x).5*psi(1,x/2)-1./x	10	0.011	0.011	
ParseTreeUtils>ParseTreeUtils.isTreeError	1	0.008	0.005	
mtree.iskind	1	0.007	0.007	
FigureController>FigureController.get.ViewModelSynchronizer	8	0.005	0.005	
mtree.root	1	0.004	0.004	
…ModelManagerHelper>PeerModelManagerHelper.isViewModelObject	8	0.003	0.003	
mtree.count	1	0.003	0.003	
…delManagerHelper>PeerModelManagerHelper.isViewModelManager	8	0.002	0.002	
@mtree\private\collect_qualifiers>is_qual	1	0.002	0.002	
mtree.isempty	2	0.001	0.001	

*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.