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GGE (Calls: 25, Time: 1.217 s)

Generated 15-Jul-2024 18:42:41 using performance time.

function in file D:\Aalto\2324\BScThesis\FullRepo\parallelsimulations_finitebath\src\modular\GGE.m

Copy to new window for comparing multiple runs

Lines where the most time was spent

Line Number	Code	Calls	Total Time	% Time	Time Plot
20	uki = abs(vel(k,:)).^2;	37525	1.155 s	94.9%	<div></div>
21	nau(k) = dot(ujt, uki);	37525	0.049 s	4.0%	<div></div>
22	end	37525	0.006 s	0.5%	<div></div>
17	ujt = abs(vel(N+1,:)).^2;	25	0.003 s	0.2%	
16	nau = zeros(1, N+1);	25	0.001 s	0.1%	
All other lines			0.003 s	0.2%	
Totals			1.217 s	100%	

Function listing

time	Calls	line
		14 function nau = GGE (N, vel)
		15
0.001	25	16 nau = zeros(1, N+1);
0.003	25	17 ujt = abs(vel(N+1,:)).^2;
		18
0.001	25	19 for k = 1:(N+1)
1.155	37525	20 uki = abs(vel(k,:)).^2;
0.049	37525	21 nau(k) = dot(ujt, uki);
0.006	37525	22 end
		23
< 0.001	25	24 end