arb_projection (Calls: 1, Time: 119.583 s)

Generated 27-sep.-2022 14:22:21 using performance time.
Function in file C:\Users\Bruker\OneDrive\Dokumenter\NTNU\XRD_CT\3DSAXS_package\utilities\arb_projection.m
Copy to new window for comparing multiple runs

Parents (calling functions)

Function Name	Function Type	Calls
SAXS_AD_forward_backward>SAXS_AD_cost_function	Subfunction	1

Lines that take the most time

Line Number	Code	Calls	Total Time (s)	% Time	Time Plot
216	`proj_out(Ay(ii),Ax(ii)) = proj_out(Ay(ii),Ax(ii)…`	393120	109.929	91.9%	▆▆▆
215	`if (Ax(ii) > 0)&&(Ax(ii) < size(proj_out,2))&&(A…`	425408	9.591	8.0%	▪
218	`end`	425408	0.019	0.0%	
217	`end`	425408	0.016	0.0%	
115	`if (~all(size(tomo_obj_all(:,:,:,1))==size(X)))|…`	1	0.014	0.0%	
All other lines			0.015	0.0%	
Totals			119.583	100%	

Children (called functions)

Function Name	Function Type	Calls	Total Time (s)	% Time	Time Plot
dlarray.parenReference	Function	786243	54.408	45.5%	▆▆
dlarray.parenAssign	Function	393128	39.837	33.3%	▆▆
dlarray.plus	Function	393120	13.980	11.7%	▪
dlarray.size	Function	813381	8.575	7.2%	▪
dlarray.dlarray>dlarray.dlarray	Class method	9	0.002	0.0%	
Self time (built-ins, overhead, etc.)			2.782	2.3%	▏
Totals			119.583	100%	

Code Analyzer results

No Code Analyzer messages.

Coverage results

Show coverage for parent folder

Total lines in function	265
Non-code lines (comments, blank lines)	145
Code lines (lines that can run)	120
Code lines that did run	45
Code lines that did not run	75
Coverage (did run/can run)	37.50 %

Function listing