

bruteSpot (Calls: 500, Time: 14.560 s)

Generated 01-июн.-2021 13:42:55 using performance time.
Function in file E:\course_4\code\bruteSpot.m
[Copy to new window for comparing multiple runs](#)

Parents (calling functions)

Function Name	Function Type	Calls
ImageProcessing	Script	500

Lines that take the most time

Line Number	Code	Calls	Total Time (s)	% Time	Time Plot
15	if(imageGS(y, x) ~= 0)	147856736	5.529	38.0%	<div></div>
20	end	147856736	4.517	31.0%	<div></div>
21	end	147856736	4.466	30.7%	<div></div>
22	if (isFlag)	196618	0.009	0.1%	
25	end	196168	0.009	0.1%	
All other lines			0.030	0.2%	
Totals			14.560	100%	

Children (called functions)

No children

Code Analyzer results

No Code Analyzer messages.

Coverage results

[Show coverage for parent folder](#)

Total lines in function	26
Non-code lines (comments, blank lines)	6
Code lines (lines that can run)	20
Code lines that did run	20
Code lines that did not run	0
Coverage (did run/can run)	100.00 %

Function listing

Time	Calls	Line
		1 function [spotX, spotY] = bruteSpot(imageGS)
< 0.001	500	2 pxH = length(imageGS);
0.005	500	3 pxW = length(imageGS(1, :));
		4
< 0.001	500	5 columns = pxH;
< 0.001	500	6 rows = pxW;
		7
< 0.001	500	8 spotX = 0;
< 0.001	500	9 spotY = 0;
		10
< 0.001	500	11 isFlag = false;
		12
< 0.001	500	13 for y = 1 : rows
0.007	196618	14 for x = 1 : columns
5.529	147856736	15 if(imageGS(y, x) ~= 0)
< 0.001	3818	16 spotX = x;
< 0.001	3818	17 spotY = y;
		18
< 0.001	3818	19 isFlag = true;
4.517	147856736	20 end
4.466		

0.009	196618	<u>22</u>	if (isFlag)
< 0.001	450	<u>23</u>	break;
0.008	196168	<u>24</u>	end
0.009	196168	<u>25</u>	end
0.003	500	<u>26</u>	end
