

AnisotropicDiffusion (1 call, 0.422 sec)

Generated 09-May-2007 23:20:39 using real time.

M-function in file [H:\edgy\Implementering\profilekoder\artikel1\AnisotropicDiffusion.m](#)
[[Copy to new window for comparing multiple runs](#)]

Refresh

- ☐ Show parent functions
- ☒ Show busy lines
- ☒ Show child functions
- ☐ Show M-Lint results
- ☒ Show file coverage
- ☒ Show function listing

Lines where the most time was spent

Line Number	Code	Calls	Total Time	% Time	Time Plot
100	[a, b, c, d] = fastD(J, alpha,...	2	0.156 s	37.0%	<div></div>
96	J = imfilter(imfilter(nablaI,K...	2	0.155 s	36.7%	<div></div>
104	I = I + divergenceC(a.*I_x + b...	2	0.032 s	7.6%	<div></div>
86	I_y=imfilter(I,derivKernel', '...	2	0.031 s	7.3%	<div></div>
87	I_x=imfilter(I,derivKernel, 'c...	2	0.016 s	3.8%	<div></div>
Other lines & overhead			0.032 s	7.6%	<div></div>
Totals			0.422 s	100%	

Children (called functions)

Function Name	Function Type	Calls	Total Time	% Time	Time Plot
imfilter	M-function	8	0.202 s	47.9%	<div></div>
fastD	MEX-function	2	0.140 s	33.2%	<div></div>
divergenceC	MEX-function	2	0.032 s	7.6%	<div></div>
IsScalar	M-function	8	0 s	0%	
IsPositiveInteger	M-function	1	0 s	0%	
createDerivKernel	M-function	1	0 s	0%	