

createGaussKernel	M-function	1	0 s	0%	
Self time (built-ins, overhead, etc.)			0.048 s	11.4%	■
Totals			0.422 s	100%	

Coverage results

[[Show coverage for parent directory](#)]

Total lines in file	138
Non-code lines (comments, blank lines)	62
Code lines (lines that can run)	76
Code lines that did run	32
Code lines that did not run	44
Coverage (did run/can run)	42.11 %

Function listing

Color highlight code according to

time

```
time  calls  line
      1 function [I, timeSpent] = AnisotropicDiffusion( inIma
      2         sigma2, delta2, s2, alpha, beta, tau, numIter, us
      3 %AnisotropicDiffusion Implements Nonlinear Anisotropic
      4 % [I, timeSpent] = AnisotropicDiffusion( inImage, s
      5 %     sigma2, delta2, s2, alpha, beta, tau, useAOS, num
      6 %
      7 % Returns:
      8 % I          Processed Image after selected iterat
      9 % timeSpent   Time spent processing exclusive creat
     10 %
     11 % Parameters:
     12 % inImage     Image to process. Must be gray scale
     13 % sigma1      Sigma for derivating kernel
     14 % delta1      Cut of tail of derivating kernel at t
     15 % sigma2      Sigma for low pass kernel
     16 % delta2      Cut of tail of low pass kernel at thi
     17 % s2          Stop value for diffusion in gradient
     18 % alpha       Isotropic diffusion number
     19 % beta        Maximum amount of diffusion. Small be
     20 % tau         Time step
     21 % numIter     Maximum number
     22 % useAOS      Choose to use an Additive Operatorspl
     23 %             of a divergence operator
     24 % graphs      1 - Show graphs, 0 - Show no graphs
     25 %
     26 % Requirements IMFILTER and IMSHOW in Image Process
     27 % See also IMFILTER, IMSHOW.
     28 %
     29 % Licensed under BSD as a part of EDGY project sour
     30 % see readme.txt file. For more information see pro
     31 %
```