

































For a = 0.4 most similar to a Gauusian filter				
g = [0.05 0.25 0.4 0.25 0.05]				
low_pass_filter = g * g' =				
0.0025 0 0.0125 0 0.0200 0 0.0125 0 0.0025 0).0125).0625).1000).0625).0125	0.0200 0.1000 0.1600 0.1000 0.0200	0.0125 0.0625 0.1000 0.0625 0.0125	0.0025 0.0125 0.0200 0.0125 0.0025

































