

Object: Image Smoothing

Interface:

Input: Two Color Images processed By RGB2HSV converter

Output: Two Smoothed Image

Flow:

Step 1: Read Giving Two Bmp Image

Step 2: Convert Bmp Image To HSV Image

Step 3: Image Smoothing

Step 4: Two smoothed Image

Tips:

Image Smoothing contains 1D and 2D kernel convolution. Please refer to Reference 1.

Reference:

1 Real Time Performance of Variational Optical Flow Computation (P11 and P13)

2 filter.c