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An executable package of

Identigram/Watermark Removal Using Cross-channel Correlation, CVPR 2012

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Note: This package is intended for the demonstration of the results in our paper.

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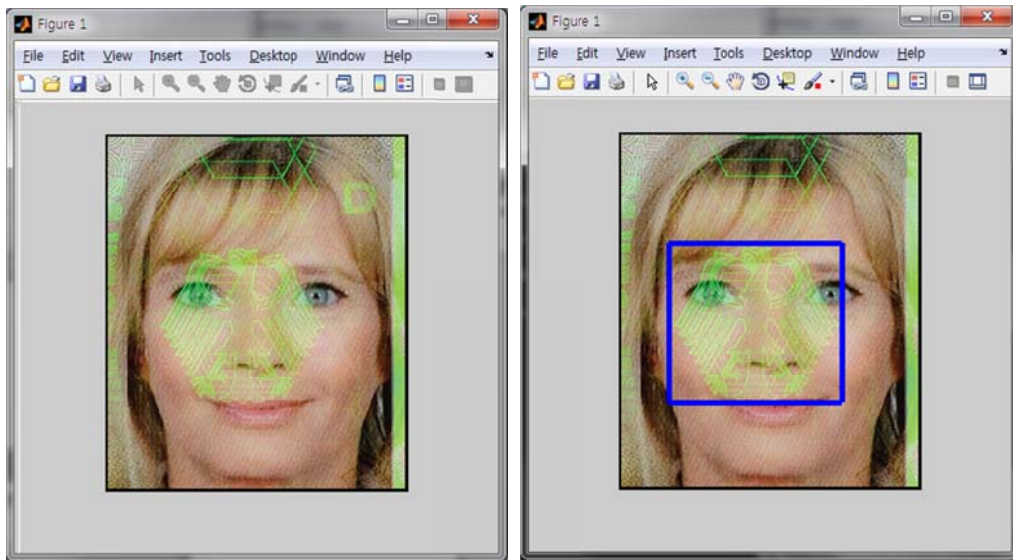==

PACKAGE MANUAL

1. Open main.m file

2. Set path and name of the image file and run main.m
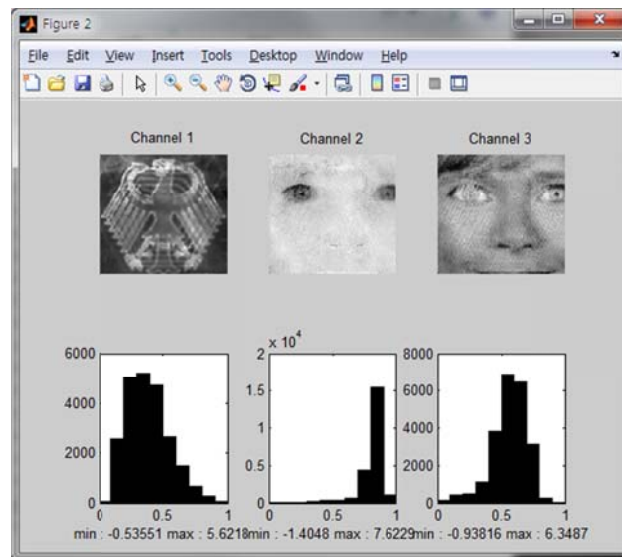
   Ex)
   filepath = '..\img\identigram\';
   filename = '1.bmp';

3. The image appears. Please click two boundary points of your interesting region.

(Image courtesy of http://www.bundesdruckerei.de)

4. After the computation, a transformed image coordinate appears. Now user is required to choose which one is intact and corrupted channel respectively.

For this example, intact is 2 or 3 and corrupted channel is 1. Therefore you can type

Intact channel? (1-3) [1]: 3
Corrupted channel? (1-3) [2]: 1
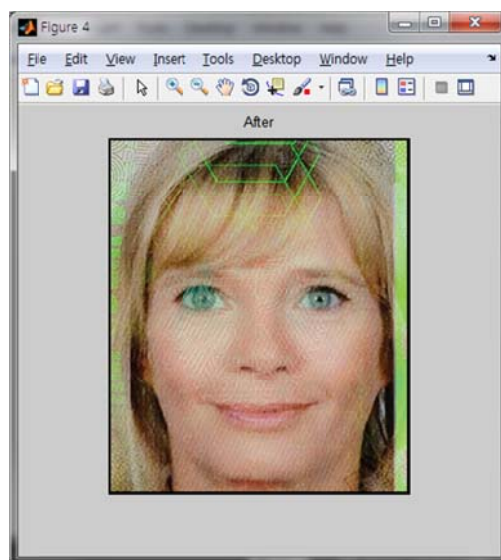
5. Now the package solves problem

Build smooth constraint....done.
make b done.
Solving linear equation...done.
get result done.

6. The result appears.

7. To save your result, type yes. If not, type N and continue. Your result will be located in the same path of your image.

Apply this result? Y/N [Y]: y
Do you want more? Y/N [Y]: n
save done.