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Lappeenranta University of Technology

LUT Mathematics and Physics   2015-11-12

BM40A1200 Digital Imaging and Image Pre-Processing
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Exercise 9 solutions: Images and distorting them on purpose

1. Image noise (1 point): An example script is given as a separate file.

   Hints: `imnoise`.

   Additional files: `s038.m`.

2. Common colour space transformations (1 point): An example script is given as a separate file.

   Hints: `rgb2gray, rgb2hsv, hsv2rgb`.

   Additional files: `s039.m`.

3. Noise on image channels (1 point): An example script is given as a separate file.

   Hints: `imnoise, rgb2hsv, hsv2rgb`.

   Additional files: `s040.m`.

4. Uneven illumination (1 point): An example script is given as a separate file.

   Hints: `meshgrid`.

   Additional files: `s041.m`.