

The Art of Randomness

Randomized Algorithms in the Real World

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Errata updated to print 1

Page	Error	Correction	Print corrected
64	<pre>>>> d = np.array(Image.open("apples.png")) >>> t = d[:, :, 0] >>> d[:, :, 0] = d[:, :, 1] >>> d[:, :, 1] = t >>> im = Image.fromarray(d) >>> im.save("bad_apples.png")</pre> <p>The first line rereads apples.png and then immediately changes it into a NumPy array. We'll use this idiom consistently. The next three lines swap the red and green color channels.</p>	<pre>>>> d = np.array(Image.open("apples.png")) >>> t = d[:, :, 0].copy() >>> d[:, :, 0] = d[:, :, 2].copy() >>> d[:, :, 2] = t >>> im = Image.fromarray(d) >>> im.save("bad_apples.png")</pre> <p>The first line rereads apples.png and then immediately changes it into a NumPy array. We'll use this idiom consistently. The next three lines swap the red and blue color channels.</p>	Pending