Theme 2 Lecture 5 Quiz

TOTAL POINTS 5

1. Intensity transformations impact the — 1 point

- visualization of an image
- [x] all of these options
- contrast of an image
- prediction with an image

2. Intensity transformation functions must be increasing — 1 point

- [x] False
- True

3. The intensity transformation function used in this lesson is a — 1 point

- [x] linear spline
- identity function
- quadratic spline
- quadratic

4. It is sometimes possible to see detail in an image that was not apparent in the original image after a transformation function has been applied to an image. — 1 point

- [x] True
- False

5. The histograms shown in this lesson show the — 1 point

- the normalized counts (normalized so that the total counts equals one) of the intensity values in an image
- the counts of the intensity values in an image
- all of these options
- [x] log counts of the intensity values in an image

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