Quiz

Question 1

1 point (graded)

What is the default interpolation method used by **`cv2.resize()`**

- ○ **`cv2.INTER_CUBIC`**
- ◉ **`cv2.INTER_LINEAR`** ✔
- ○ **`cv2.INTER_NEAREST`**
- ○ **`cv2.INTER_AREA`**

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

Question 2

1/1 point (graded)

What happens when the new size specified in **`cv2.resize()`** is larger than the original image?

- ○ The image is cropped to fit the new size
- ○ The image is padded with black pixels to fit the new size
- ◉ The image is stretched to fit the new size ✔

- None of the above

Submit You have used 1 of 2 attempts

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✔ Correct (1/1 point)

)uestion 3

'1 point (graded)

/hat happens when the flipCode parameter in **`cv2.flip()`** is set) 0?

- The image is flipped vertically ✔
- The image is flipped horizontally
- The image is flipped both horizontally and vertically
- The image is not flipped

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

Question 4

1/1 point (graded)

What is the purpose of the interpolation method parameter in **`cv2.resize()`**?

- To specify the output size of the image
- To specify the scaling factor of the image

- [x] To specify the interpolation algorithm used to resize the image ✔
- [ ] To specify the color space of the output image

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✔ Correct (1/1 point)

)uestion 5

'1 point (graded)

/hat is an example of an application where cropping an image sing array slicing in OpenCV is useful?

- [ ] Extracting a region of interest from an image
- [ ] Removing unwanted borders or margins from an image
- [x] All of the above ✔
- [ ] None of the above.

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

Discussion

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