Pattern Recognition

Lecture 12. Programming Exercises

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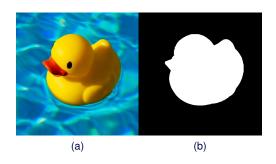
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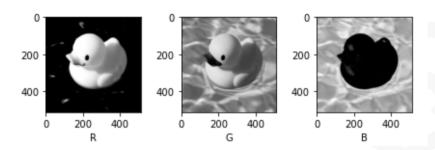
Find the duck

hint: operate in RBG color space by thresholding on the channel that could separate the foreground and background

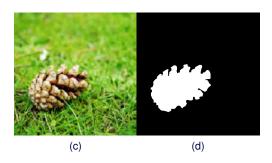


Find the duck

hint: operate in RBG color space by thresholding on the channel that could separate the foreground and background

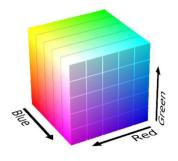


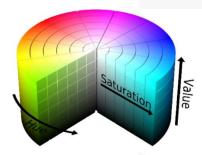
Find the pine hint: Likewise, use thresholding in color space, RGB and HSV



Find the pine

hint: Likewise, use thresholding in color space, RGB and HSV

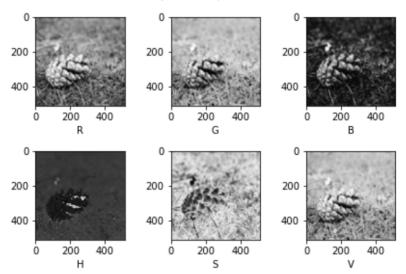




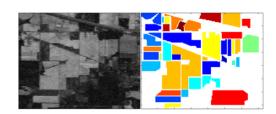
- 1. https://scikit-image.org/docs/dev/auto_examples/color_exposure/plot_rgb_to_hsv.html
- 2. https://docs.opencv.org/4.x/df/d9d/tutorial_py_colorspaces.html
- 3. Pillow method Image.convert()

Find the pine

hint: Likewise, use thresholding in color space, RGB and HSV



Investigate the remote sensing image http://www.ehu.eus/covintco/index.php/Hyperspectral_Remote_Sensing_Scenes#Indian_Pines



Reference I

Thank You!

Q&A