Experiment – 8 (b)

import numpy as np

import cv2

from matplotlib import pyplot as plt

img = cv2.imread(r"C:\Users\joyce\OneDrive\Pictures\Saved Pictures\game-over-3862774\_1280.jpg")

b,g,r = cv2.split(img)

rgb\_img = cv2.merge([r,g,b])

gray = cv2.cvtColor(img,cv2.COLOR\_BGR2GRAY)

ret, thresh = cv2.threshold(gray,0,255,cv2.THRESH\_BINARY\_INV+cv2.THRESH\_OTSU)

plt.subplot(211),plt.imshow(closing, 'gray')

plt.title("morphologyEx:Closing:2x2"), plt.xticks([]), plt.yticks([])

plt.subplot(212),plt.imshow(sure\_bg, 'gray')

plt.imsave(r'dilation.png',sure\_bg)

plt.title("Dilation"), plt.xticks([]), plt.yticks([])

plt.tight\_layout()

plt.show()

