CENTRO DE ENSEÑANZA TECNICA INDUSTRIAL

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Materia: Visión Artificial

Registro: 19110208

Grado y Grupo: 7E1

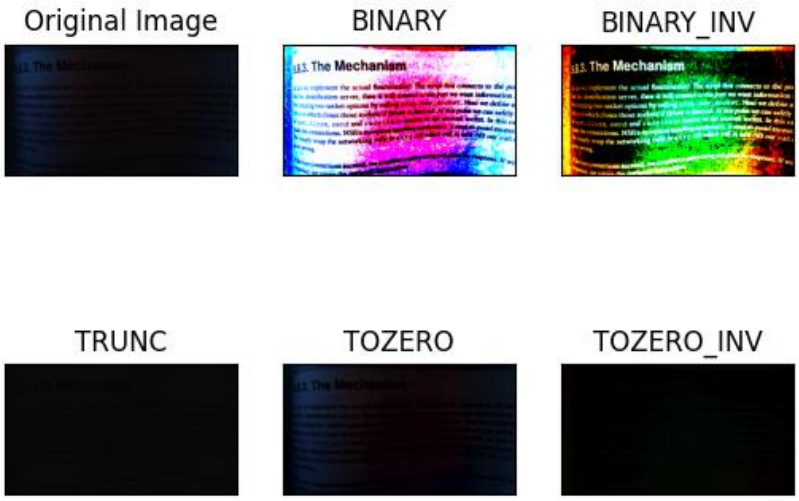
PRACTICA #5

```
import cv2
import numpy as np
from matplotlib import pyplot as plt

img = cv2.imread('book.jpg',1)
ret,thresh1 = cv2.threshold(img,10,255,cv2.THRESH_BINARY)
ret,thresh2 = cv2.threshold(img,10,255,cv2.THRESH_BINARY_INV)
ret,thresh3 = cv2.threshold(img,10,255,cv2.THRESH_TRUNC)
ret,thresh4 = cv2.threshold(img,10,255,cv2.THRESH_TOZERO)
ret,thresh5 = cv2.threshold(img,10,255,cv2.THRESH_TOZERO_INV)

titles = ['Original Image','BINARY','BINARY_INV','TRUNC','TOZERO','TOZERO_INV']
images = [img, thresh1, thresh2, thresh3, thresh4, thresh5]
miArray = np.arange(6)
for i in miArray:
  plt.subplot(2,3,i+1),plt.imshow(images[i],'gray')
  plt.title(titles[i])
  plt.xticks([]),plt.yticks([])

plt.show()
```



GITHUB: