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Materia : visión Artificial

Practica 9

CODIGO:

```
import cv2

import numpy as np

img_bgr = cv2.imread('opencv-template-matching-python-tutorial.jpg')

img_gray = cv2.cvtColor(img_bgr, cv2.COLOR_BGR2GRAY)

template = cv2.imread('opencv-template-for-matching.jpg',0)

w, h = template.shape[::-1]

res = cv2.matchTemplate(img_gray, template, cv2.TM_CCOEFF_NORMED)

threshold = 0.7

loc = np.where (res >= threshold)

for pt in zip(*loc[::-1]):

 cv2.rectangle(img_bgr, pt, (pt[0]+w, pt[1]+h), (0,255,255), 2)

cv2.imshow('detected',img_bgr)
```