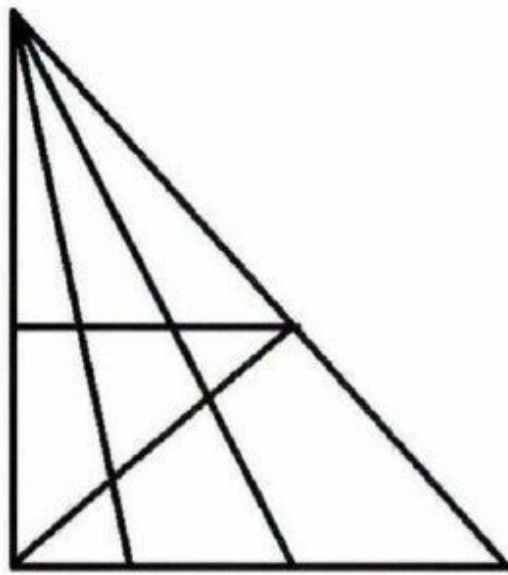


# OpenCV workshop project: How many triangles do you see?

March 9, 2018

## 1 What

One of the riddles that basically divided the internet was the one that was posted on People's Daily China twitter account ([Click here to see the post](#)). It simply asks how many triangles are in the following image:



@人民网

For the final project of the workshop, write a function in python and OpenCV that returns the number of triangles in this image. You can use any computer vision algorithm that you wish.

## 2 How

Your function should have the following prototype:

```
def count_triangles(image):  
    count = 0  
    ...  
    return count
```

Save your function in a file called 'solution.py' and put it in a zip file along with your document. Send your zip file to [mehranp@ece.ubc.ca](mailto:mehranp@ece.ubc.ca)

## 3 When

March 16, 2018 11:59 PST