

Trick3: Predict dice

Platform: PyCharm Environment: Python 3.1

I modified the previous code to remove the background at the beginning, making it easier to capture the position of the dice.

Problem: I successfully identified the position of the dice but have no idea how to predict the dice numbers.

Solution:

My idea is to use Shi-Tomasi corner detection for predicting the rotation angle and then combine it with a program to predict the numbers.

Step 1: Remove the background from your images to make dice detection easier.

Step 2: Once calibrated, the system will automatically label the dice.

The video is attached in the file.