# Computer Vision - EX 1

Lior Soffer 203135058

Idan Daniel 308088624

# Part B: Naive Depth Map

## 3. Code

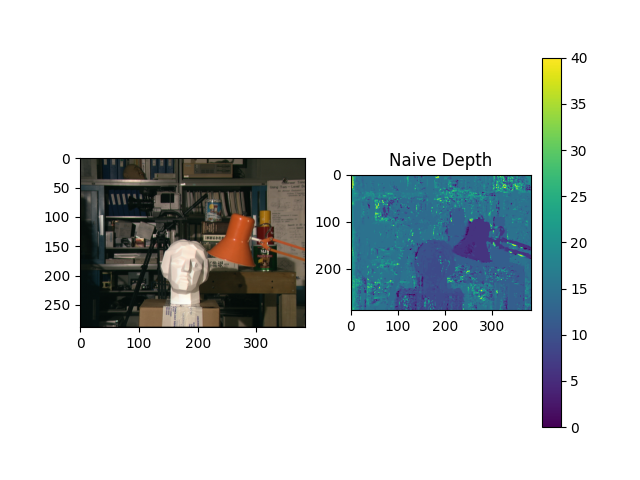
In File.

Evaluate the labels in a naive approach. Each value in the  
result tensor should contain the disparity matching minimal ssd (sum of  
squared difference).

## 4. Give a short explanation to the result. Outline the problems of using the SSDD tensor in a naive approach. What are the reasons for the problems you mentioned?

The result is attached.

We assume that the disparity should be the same for all the pixels. But, in the result we can see that when the colors are less likely to the colors around, the results for the figure is good but wen we are having smooth colors change, the naïve depth map in noisy.



# Part C: Depth Map Smoothing using Dynamic Programming

## 5. Implement the score method for a single slice of the ssdd tensor, using Dynamic Programming.