

The Basics of ConvNets

coursera

Graded Quiz • 50 min

**Due** Oct 23, 11:59 PM UTC

## ■ Rem Navigation Congratulations! You passed!

**Grade received 80%** 

## The Laters is a smooth in compared to the test of the compared to the compared

Quiz • 50 min pass 80% or higher

## Go to next item



**Due** Oct 23, 11:59 PM UTC **Attempts** 3 every 24 hours

1. What do you think applying this filter to a gray sealinimage will do?

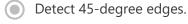
1/1 point

To Pass

Detect vertical edges.

Your gr

80%



Oetecting image contrast.

•



## **⊘** Correct

Correct. Notice that there is a high delta between the values in the top left part and the ones in the bottom right part. When convolving this filter on a grayscale image, the edges forming a 45-degree angle with the horizontal will be detected.