

# Neuro 120 Homework 3: Vision and Deep Networks

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Due: Thursday 8 November 2018

## 1 Question 1: Early Vision and Convolutions

### 1.1 Difference of Gaussians Filter

We created the difference of Gaussians filter via the following line of code: `dog = fspecial('gaussian', [51 51], 3) - fspecial('gaussian', [51 51], 7);` and plotted this with `surf(dog)` to produce the following image: