


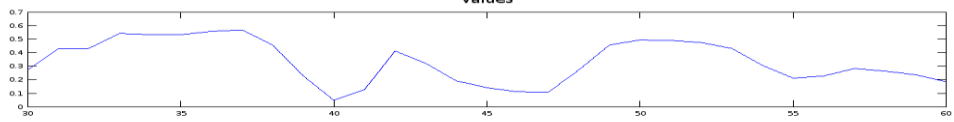
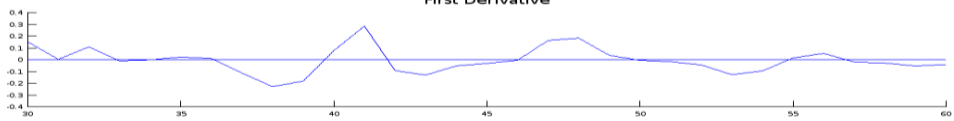
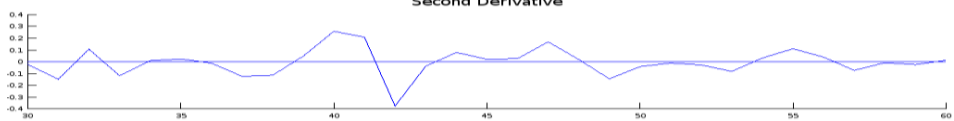


Sample Image Analysis Report

By J. Moore

1.	My Original Image	
2.	My Image in Grayscale	
3.	The dimensions of My Image	100 By 100
4.	The Section I Analyzed	<p style="text-align: center;">Row 50, Columns 30 to 60</p> 
5.	Graph of Pixel Values	
6.	Graph of First Derivative	
7.	Graph of Second Derivative	
8.	Analysis	<p>It can be seen from the first graph that higher values correspond to lighter pixels in the image. The first derivative shows how much pixel values are changing. When there is an abrupt change in pixel intensity, the magnitude of the derivative is greater. The second derivative shows how much the change in pixel intensity is changing. When the derivative has abrupt changes, the magnitude of the second derivative is greater.</p> <p>It can be observed in the graph of pixel values that a relative minimum occurs around pixel 40. This is also apparent from the first derivative graph, because around pixel 40, it changes from negative to positive.</p> <p>From approximately pixel 49 to 53, it can be observed that the graph of pixel values is concave down. This is reaffirmed by the graph of the derivative, which is decreasing over the same pixel span. Likewise, it is observed in the graph of the second derivative, which is negative for the same pixel values.</p>

9	Copy of Octave Script	<pre>clear; clc; close all; myImage = imread('chimp.jpg'); % This part will be your original work % % etc...</pre>
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