Physics 240 - Project report 2
Roche surfaces

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1 Introduction

This week I'm hitting a road block for my project. Initially, I planned on plotting the contour of of a simple binary star system with mass M_1 and M_2 for some random position a and b. I set up the correct equation but I could not get the correct contour plot. Below is what I got:
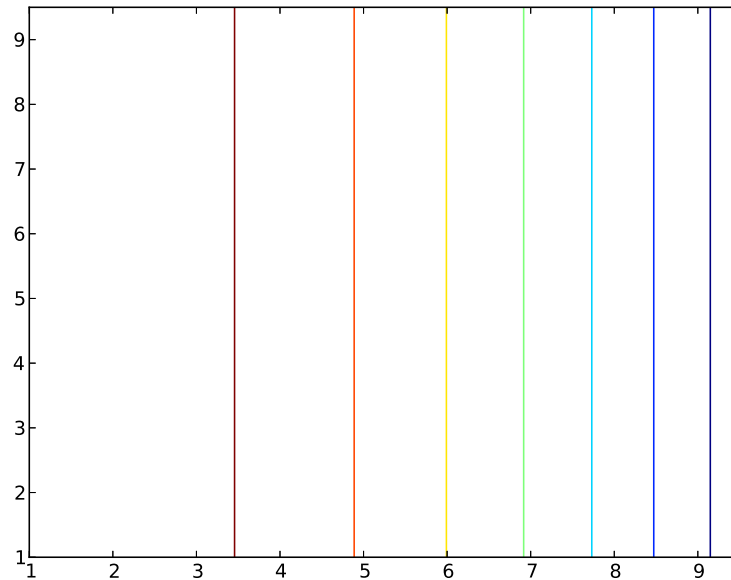

Figure 1: Linear fit of Global Temperature vs time

I have no idea why the plot looks like that. Perhaps I need to find the

Lagragian points by taking the gradient of the potential, then use that for the plot. I have some question regarding this that I need to ask you.