Complex Dynamics
Writing assignment

- First draft due the Friday after Spring break - March 22.

- Second draft due one week later - Friday, March 29.

Your mission in this writing assignment is to find both the $\frac{1}{13}$-bulb and the $\frac{5}{13}$-bulb in the Mandelbrot set. Your paper should include:

- Images clearly showing both bulbs in your paper,

- an image of a Julia set from the interior of each bulb,

- a clear description of how you found the sets, and

- a description of how you used the computer, including any code that you used.

You might also be interested in this StackExchange question:
https://math.stackexchange.com/questions/1093525,
or even in this paper by Bob Devaney:
http://math.bu.edu/people/bob/papers/farey.pdf.