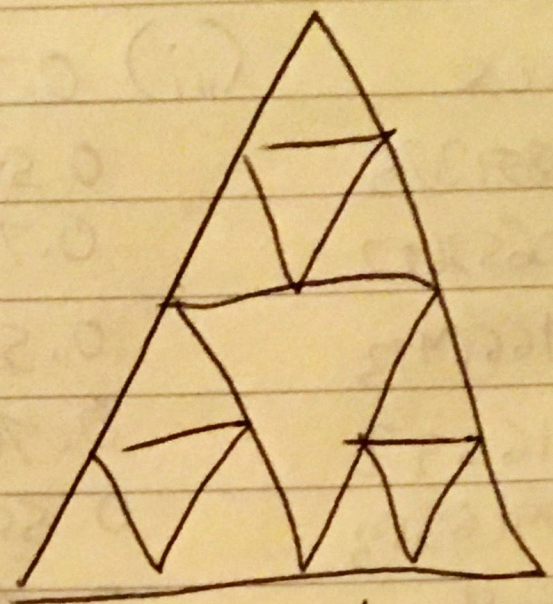
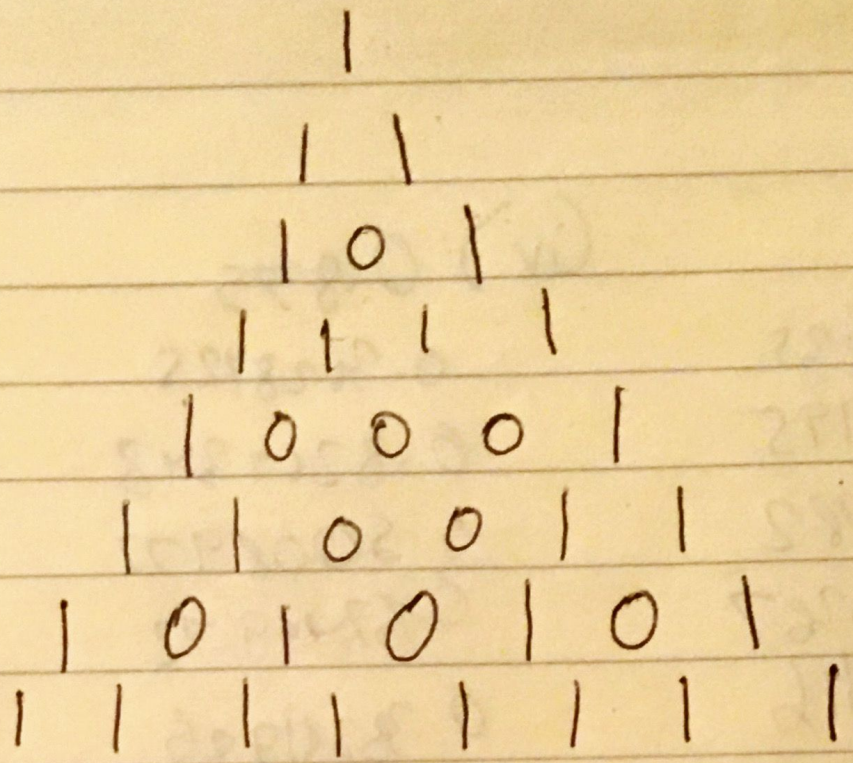


1

1.



Q. This is a fractal because as the triangle continues the pattern continues at an infinitely larger scale.

- 2 (i) single point, ~~0~~ 0
- (ii) two points, 0.6 and 0.61
- (iii) two points, 0.77 and 0.55
- (iv) two points, 0.87 and 0.5

3. limiting ratio between bifurcation intervals, between every period doubling