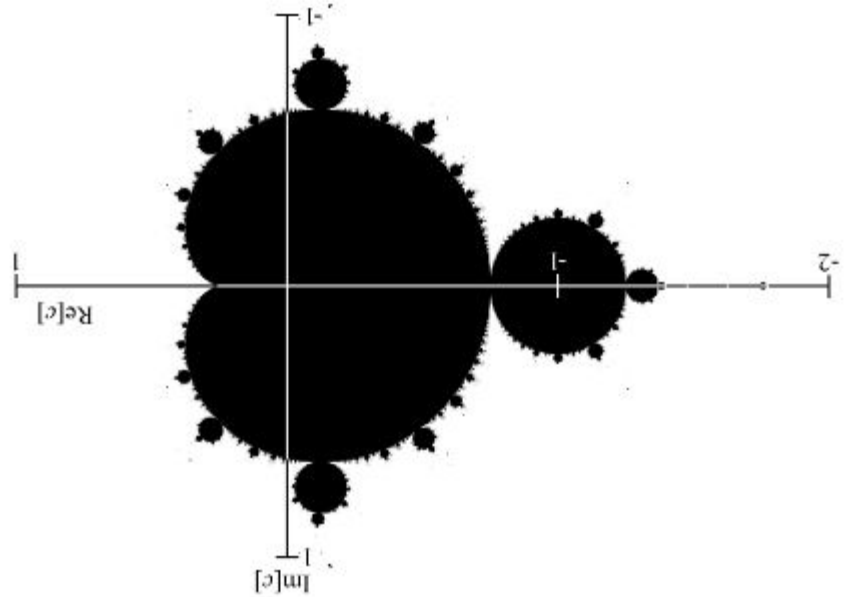
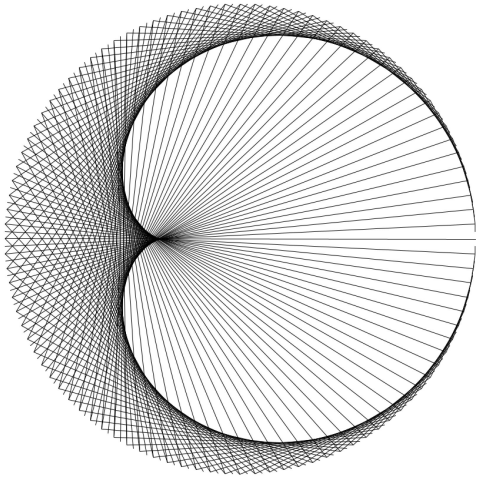


# Code the Universe

## Lecture #3

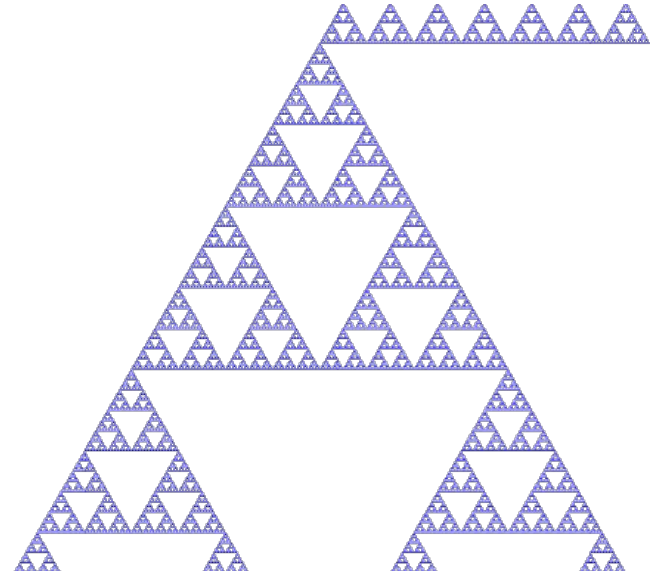
Sudhan Chitgopkar  
January @ Harvard GSAS

# Coffee Cups & Fractals

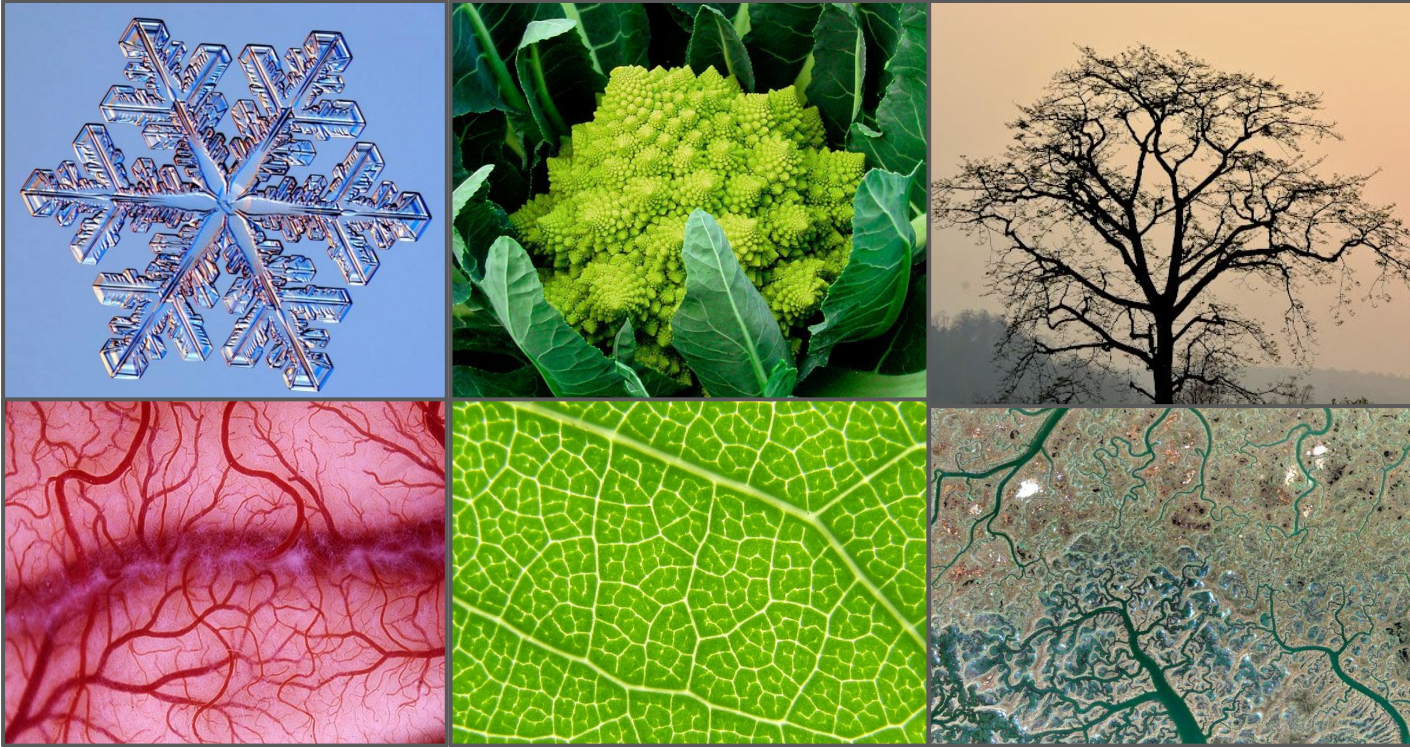


# What is a Fractal?

- Structures with infinite self-similarity
  - Does not have to be perfect self-similarity!
- Found in all sorts of places in nature
- Can be generated deterministically or stochastically
- What is their relationship with chaos?



# Where Can I Find Fractals?



# Fractals & Paradoxes

