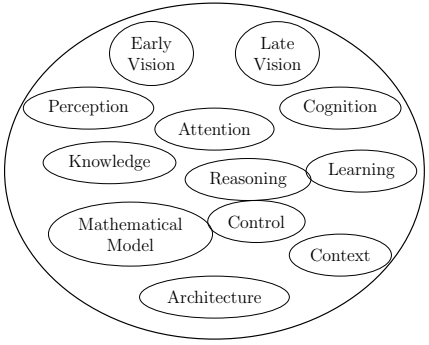
# Biological Vision and Applications
# Module 01-03: About the Course

Hiranmay Ghosh

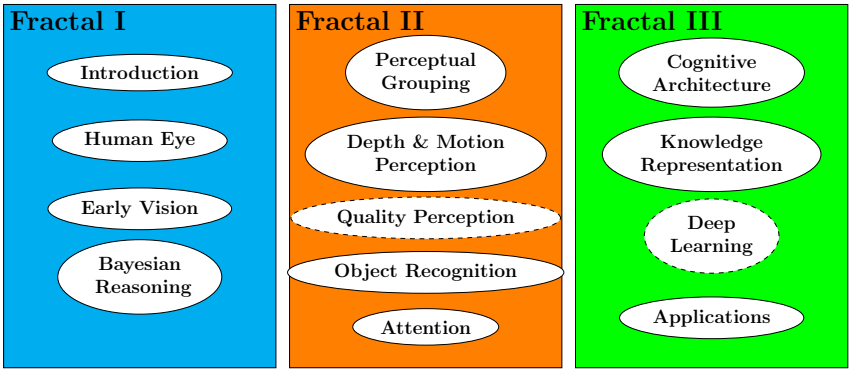
# We have introduced the important concepts for the course




**Biological Vision**

... We shall elaborate them and relate them during this course

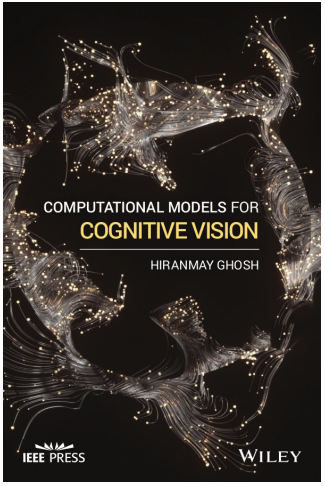
# The course is divided into three fractals



# Focus and prerequisites

- More focus on Computer Science/AI topics
  - AI, ML, Mathematical modeling, Computer Vision ...
- Results of psychological experiments will be discussed.
- Prerequisites
  - **Mathematical/statistical skills**
  - Computer Vision: Desirable, but not necessary
  - AI / ML: Will be introduced as necessary
  - Psychology / Neurology: No

# Study Material




- Textbook:
  - Hiranmay Ghosh.
    Computational Models for Cognitive Vision.
    Wiley-IEEE Press, 2020.
  - Access link to be put up in classroom
    - No download
- Research papers will be announced in the class

# Evaluation

## Class assignments

- **Continuous Evaluation [60]**
  - Simple quiz at the end of every class (well almost!) [20]
    - Immediate deadline (No second chance)
  - Programming / non-programming assignments [40]
    - Use C/C++/Java/Python – Colab recommended (No exotic language)
    - EdPuzzle assignments
- **Examinations [40]**
  - Major [20]?
  - Fractal end examinations [20]?

# Plagiarism Policy

- Will be severely dealt with
- First offense: Zero marks for the complete assignment
- Second offense: Report to institute for appropriate action

# Quiz

Quiz 01-03

End of Module 01-03