

# CISC 2210 – Introduction to Discrete Structures

## Reading Assignment: History of Math

Watch the four BBC episodes about the story of Maths by Marcus du Sautoy.

- A general description from Wikipedia:
  - [https://en.wikipedia.org/wiki/The\\_Story\\_of\\_Maths](https://en.wikipedia.org/wiki/The_Story_of_Maths)
- All episodes:
  - <http://www.infocobuild.com/books-and-films/science/story-of-math.html>
- Episode 1 - “The Language of the Universe”: Marcus du Sautoy looks at how fundamental mathematics is to our lives, and then he explores the mathematics of ancient Egypt, Mesopotamia, and Greece.
  - <https://www.youtube.com/watch?v=w0gc9DBXZu8> (51:16 minutes)
- Episode 2 - “The Genius of the East”: This episode focuses on the development of mathematics in the East and the spread of Eastern Knowledge to the West through Italy.
  - <https://www.youtube.com/watch?v=I019-MTwThI> (50:40 minutes)
- Episode 3 - “The Frontiers of Space”: This episode focuses on the development of mathematical ideas in Europe, especially around the 16th - 19th centuries.
  - <https://www.youtube.com/watch?v=MrIdc-Hs-is> (51:55 minutes)
- Episode 4 - “To Infinity and Beyond”: In this episode, Marcus du Sautoy looks at some of the twenty-three great unsolved problems that were posed by David Hilbert and confronted mathematicians in the 20th century.
  - <https://www.dailymotion.com/video/x1ejqof> (58:10 minutes)