Network, Signals & Systems

Introduction

What are systems?

- Set of objects working together
- Systems take signal as input and give another signal as output

Examples of systems

- Electrical systems

- Biological systems

- Mechanical system

- Cars, robots, human body, solar system

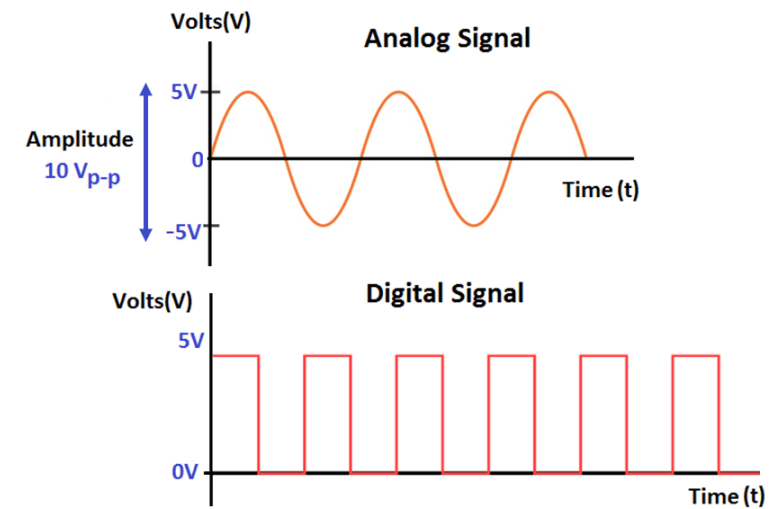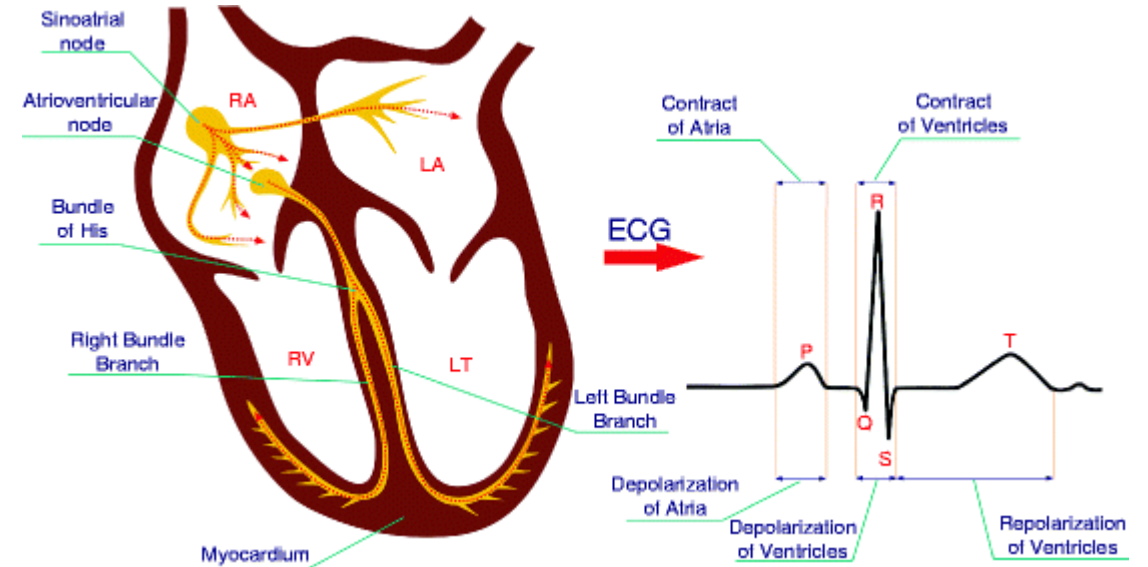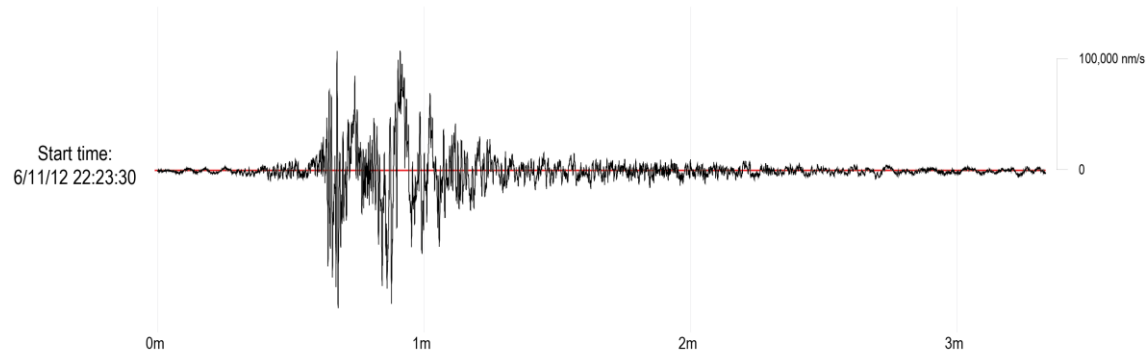- Political systems, educational system

- Software systems

An example of a complex system

- Smartphone

- https://predictabledesigns.com/whats-inside-a-smartphone/

- https://www.electronics-notes.com/articles/connectivity/cellular-mobile-phone/how-cellphone-works-inside-components.php

What are signals?

- Information carrying entities

Examples of signals

Network as an example of system

Study of Signals in NeSS

Study of Systems in NeSS