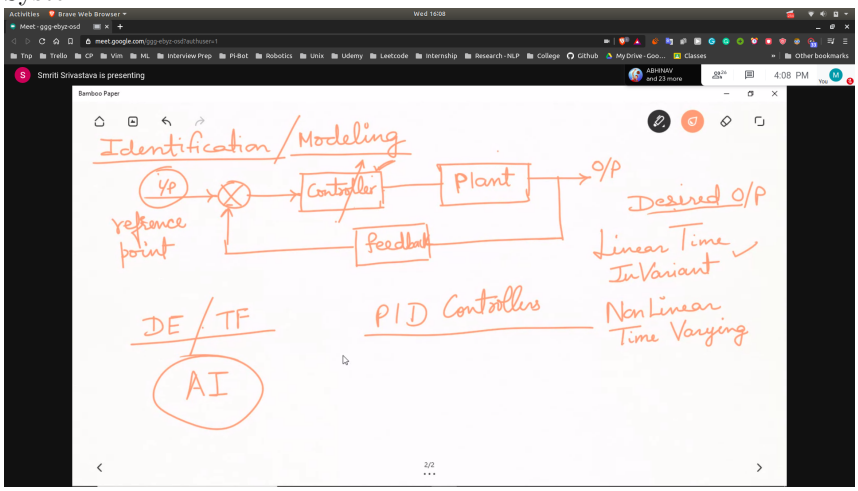
Identification/Modelling

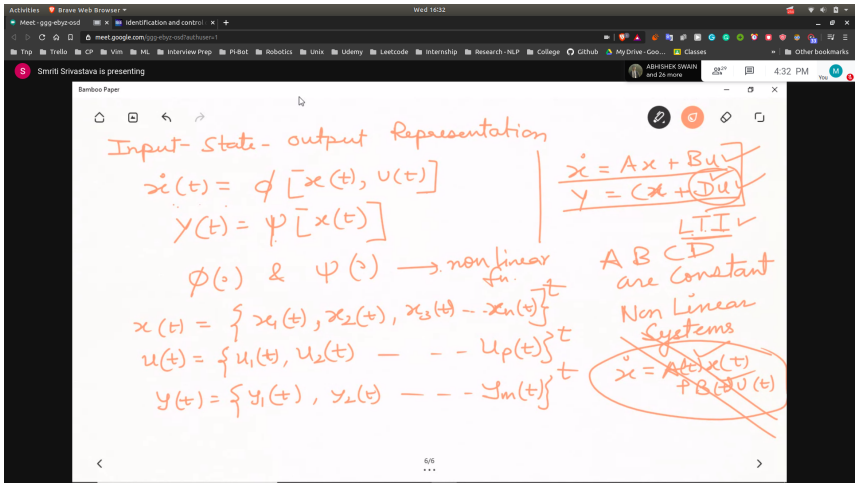
- System
- 

- Modelling
- Static System
  - time is not important
- Dynamic System
  - system has to consider previous inputs and outputs
  - we give the sytem input and output and obtain the model
- **Refer Paper**
- Identification and Control of dynmaical system using NN's
  - by KS Narenda something ..

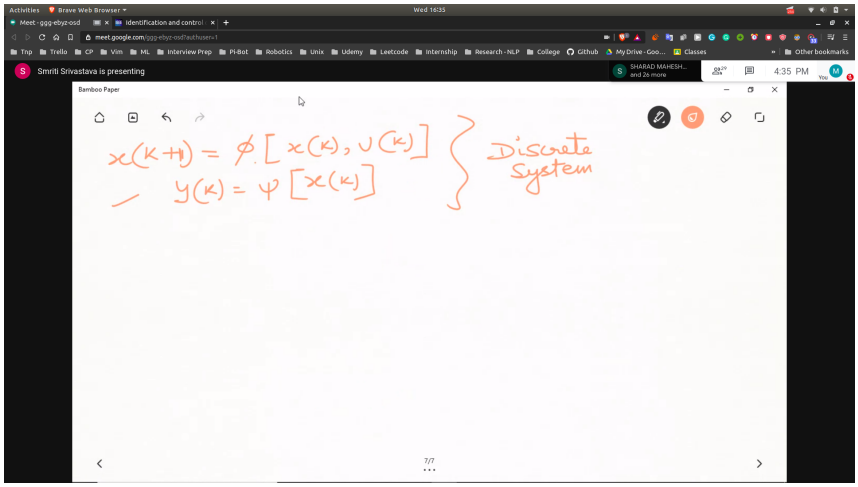
Objectives

- To suggest identification as well as controller stuctures for adaptive control of unknown non-linear dynamical systems
- To present a method for the dynamic adjustment of the parameters based on backprop
- To state clearly the theoretic assumptions that are required to have a well defined problem

Input-State-Output Representation

- 

Discrete System

- 

We say that weight of the NN's are the parameters of the plant