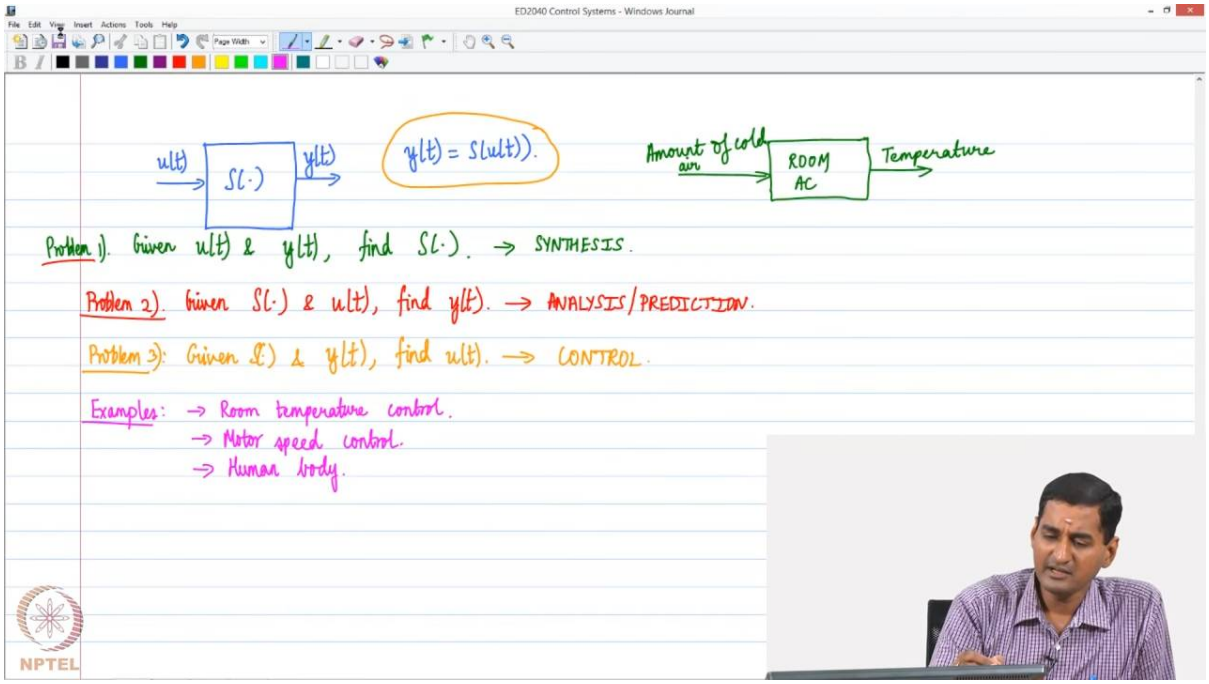
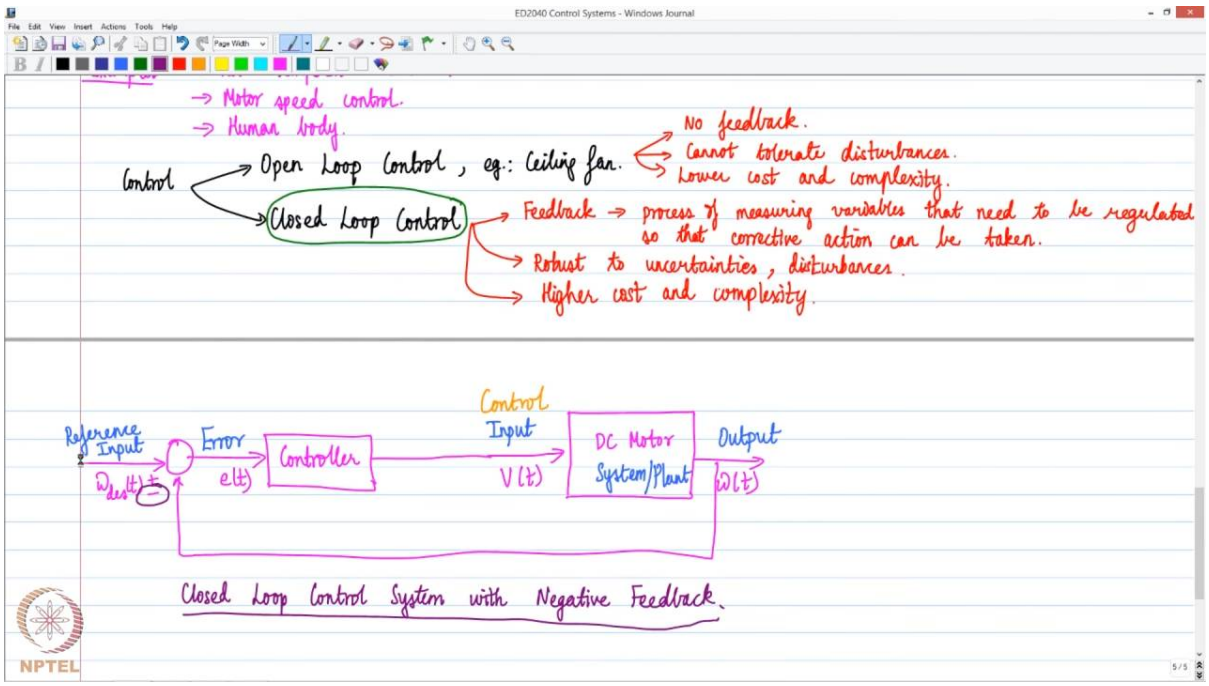
Introduction to Control Systems - Part 2

Notes

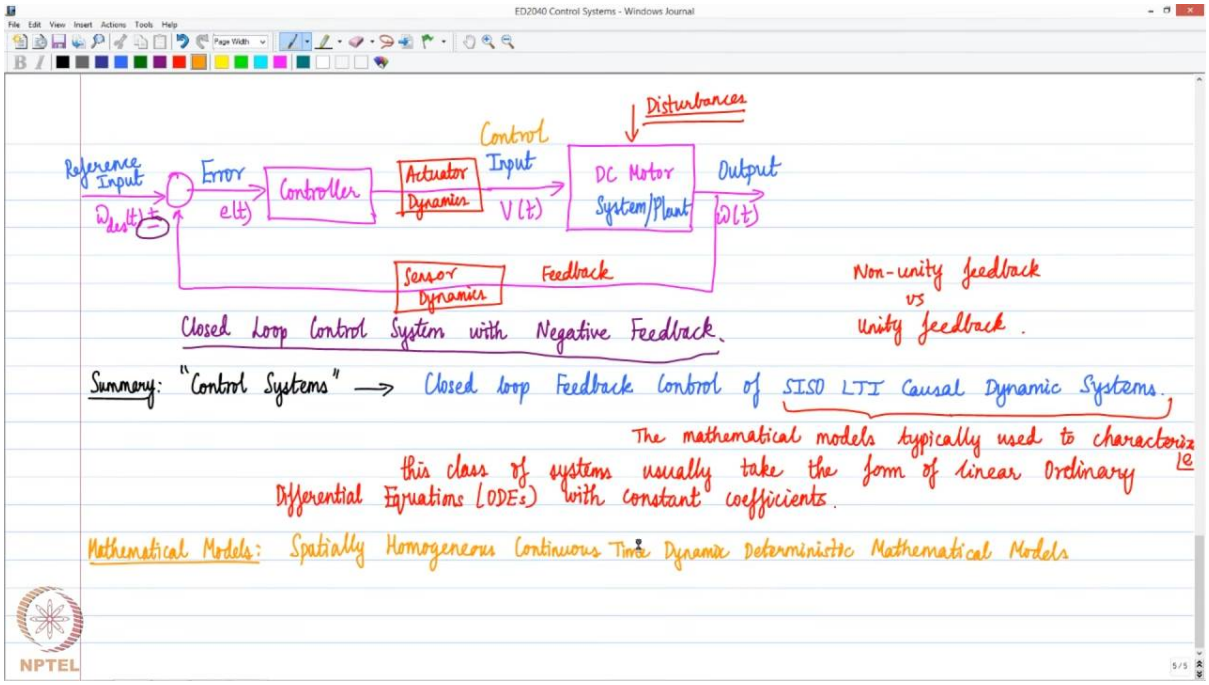
08:20



17:11



26:03


ED2040 Control Systems - Windows Journal
Disturbances
Control Input
Reference Input
Error
Controller
Actuator Dynamics
DC Motor System/Plant
Output
e(t)
V(t)
Sensor Dynamics
Feedback
Non-unity feedback vs Unity feedback.
Closed Loop Control System with Negative Feedback.
Summary: "Control Systems" → Closed loop Feedback Control of SISO LTI Causal Dynamic Systems.
The mathematical models typically used to characterize this class of systems usually take the form of linear Ordinary Differential Equations (ODEs) with constant coefficients.
Mathematical Models: Spatially Homogeneous Continuous Time Dynamic Deterministic Mathematical Models
NPTEL