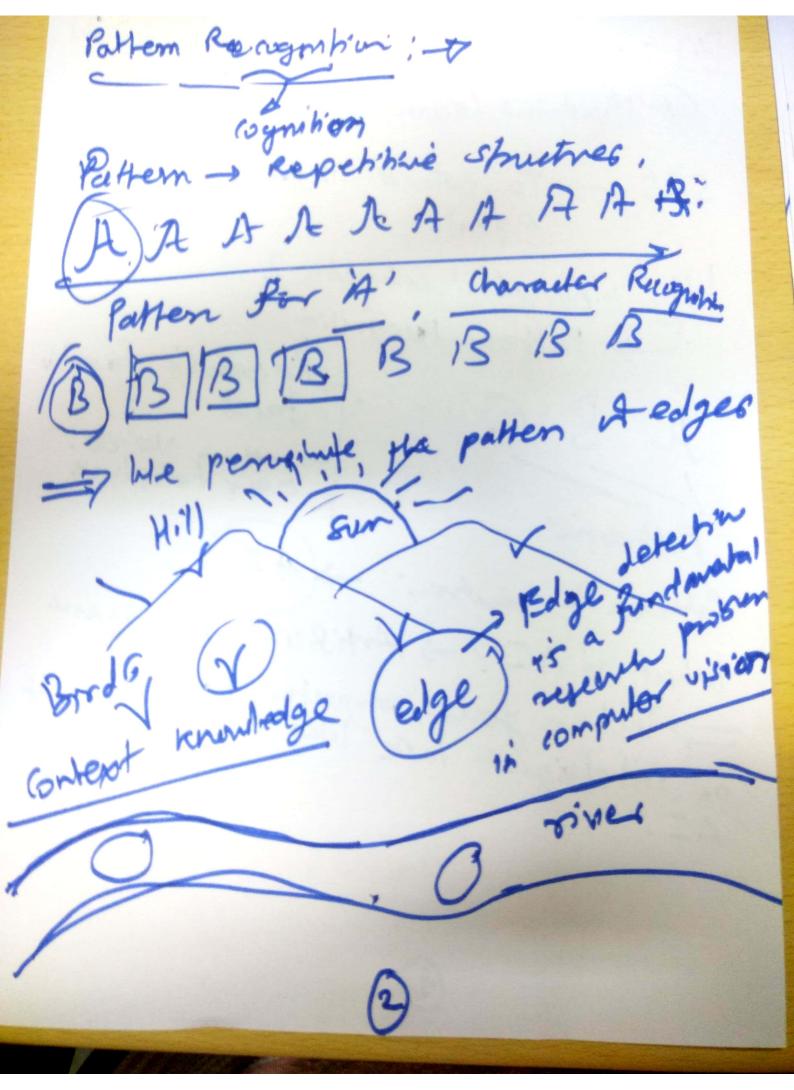
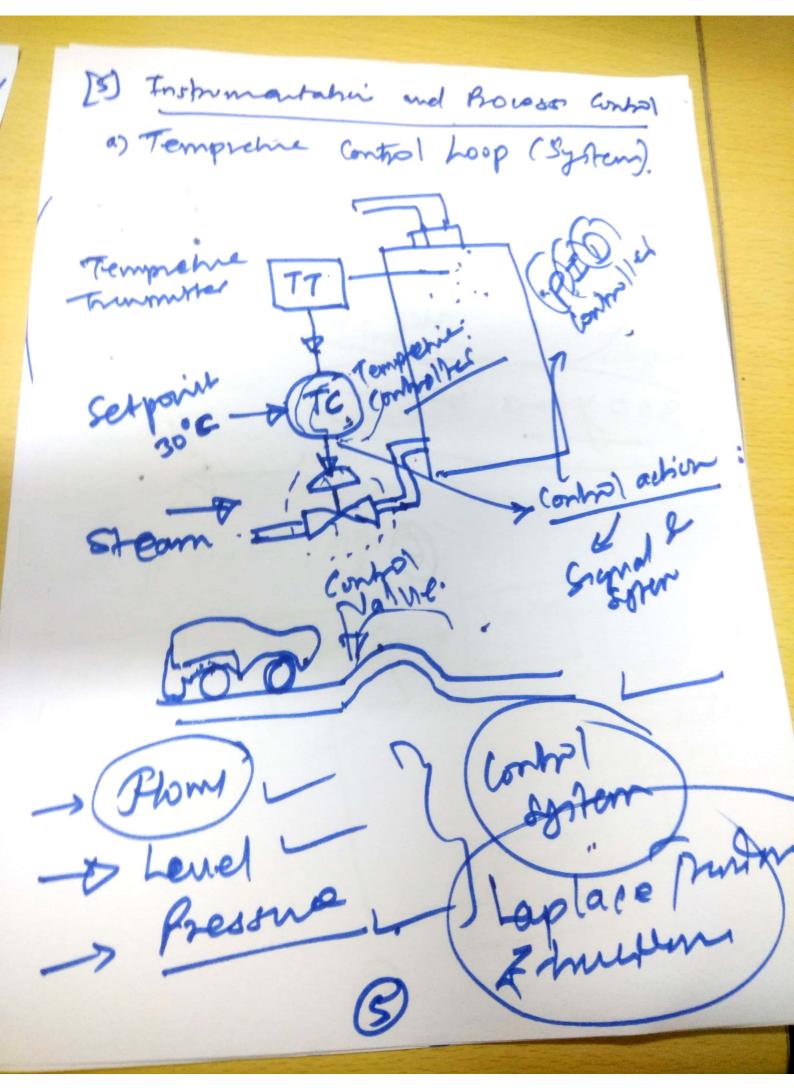
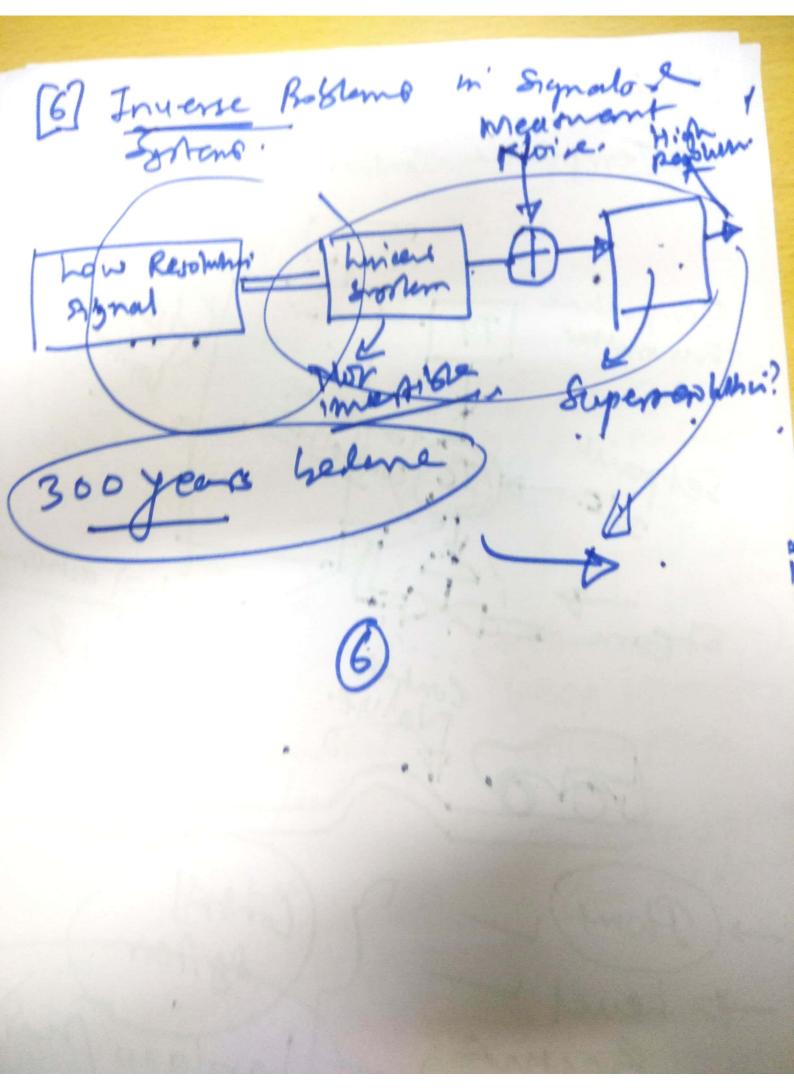
[4] Information Betraction, and Pattorn Rougnition A Machine Learning, Deep Loaning SAS -> To extract information Brown. Signal. Why information orbalhis? ABC. Faces
Josephine
Josep . Pattern Revognition Patterns. Pattern Revognition. -> (AZ) What is AI? -> ArtiBual Intelligence I her your computer persons it is a s'ritelingant task like humans, it is AI. 1



Applications D' Aubmahic Speech Rosognition CASRI 2) Speakes Reignihan / Voice Binnelines 3) Face Recognition 9) Fingerpoor / Palmpoort) Iris. 3) Gait (Walking Patterns) Rowgmin. B) Oppiced character Recognition (OCR). Larguage Rosognetu. 8) Texture segmentatu. (3)



Scanned by CamScanner



Mathematical Backgrund. In signalo and systems, we model signals as vietors. - Vector is modeled/represented 11'a magnitude and phase (direction). De Complex mulsers reprend magnitude and drechni (phase). In SAS, compress mulos and used to model signation. SAS Signals Verbos

Magn

Girer

Complex Whinles XER, YER ZEC, Z= 2+jy x = Ref = 3 y = Im { +3, j = Imagni J=JA を (NI) -> imagning 1' Cy surgeing. Hat hessel -> (1) The story of j=J7 by Paul . Standford University

