EL410: Introduction to Robotics ICT Elective, Winter 2021 DA-IICT, Gandhinagar

16 Waks 51000 Waks

1000000

Mattensticel part

Engineery physics +

Vision AIMZ Control theory

Cyber-Physian System x Sensor < ph mike 16WWCS re Actuator > IMU ~ Proassory CPU, GPU * Communication (ICT) math, loding Northe Land > physial world Car, Man, Amin Robot, Machin position, velocity a detection Proj.D. Presdon

99%

100%

Robotics Knowledge Related Courses

- Human Computer Interaction(IE403)
- Control System (IE401)
- Embedded Hardware Design (EL203)
- Computer Vision (IT524)
- Speech Technology (CT478)
- Machine Learning (IE406)
- Computational Physics (CS201)

Robotius Software Engineering

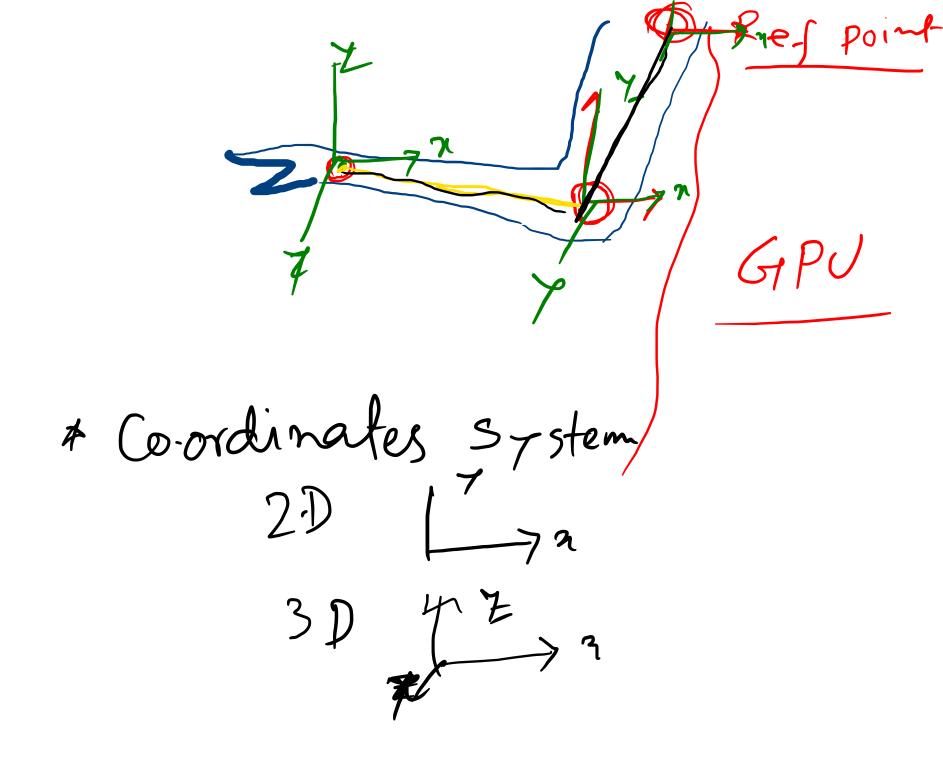
Python

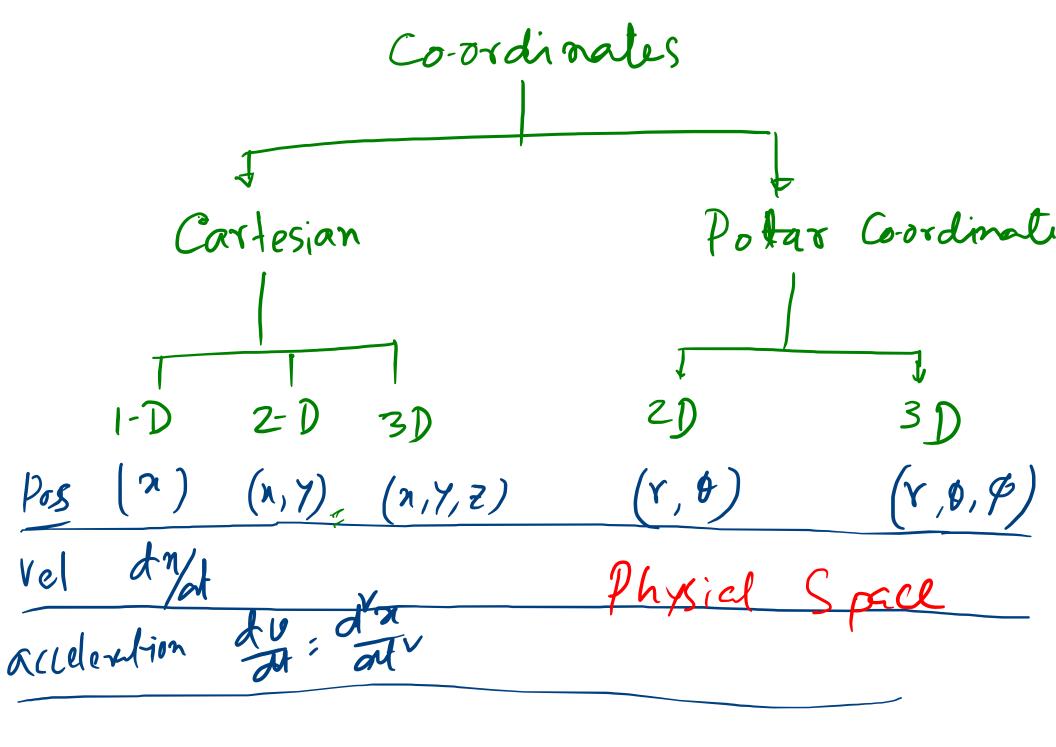
ROS

A MALAB

TAVA

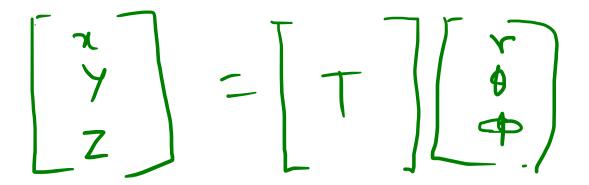
Industry





Cartesian Servo-motor 18~36 Servus Comuter Vision/ML images (2,7)2 I intereits

$$\frac{1}{\sqrt{2}} \frac{1}{\sqrt{2}} \frac{1}{\sqrt{2}$$



Transformation Matrix

physial System Aralysi