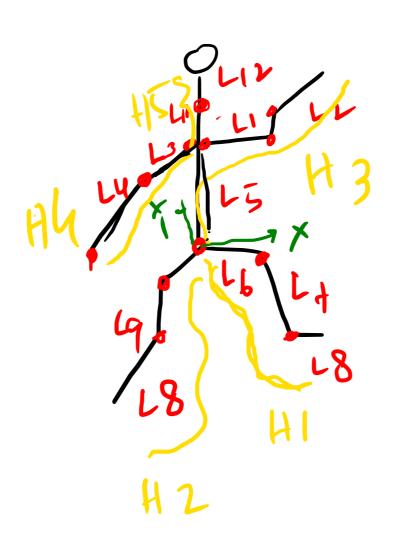
Date 29.01.2021 Robot Anatomy 30 int 5 (5) End Effector Base

Co-ordinate Transformation Active Transformation Passive Fransformetion Embedde Co-ordinate System [7/2] = TIT2 T3 [7/2] [2/2] = RIR2R[8]

Coding Python Python/Ctt SGPU S CUDA GPU (ms = single tas + FPGA < us for Single task DRDO, 15RO, Self-Driving Car A High-Speed Robotic Computing

H. Robot Hand



H1:
H2:
H14:
H5:

(o-ordinate Trans for mertion 2 D arr 3 D Passive X-(omponent General Transfor G=RTT

で: 221 + 245 1 2000 Sim P'=Pi - 6880 i + Sind j (1)- - Sindî + COSBÎ 7 = v. (coo i + sino i) + ry (-sino i + cooi) $\overline{v}' = (v_1 c_{10} - v_2 sine) i + (v_n sine) + v_2 c_{10} j$

Va = va Coot - vy Sint vy = vaSimo + vy Coo [22] = [C40 - Sind] [22]
Sind cut] [22] an trans = R trans

Active transformetion

Potational Matrix is more complex than translational matrix For Simplicity: Stept: Dotational matrix Step?: Translational matrix