

EE 368 机器人运动与控制方法 (Robotic Motion and Control)

Assignment #1

Due time: 5:00pm on Monday, March 13, 2023 via Blackboard

- Q-1. A vector ${}^A P$ is rotated about \hat{Y}_A by 30 degrees and is subsequently rotated about \hat{X}_A by 45 degrees. Give the rotation matrix that accomplishes these rotations in the given order.
- Q-2. Referring to Figure Q-2, give the value of ${}^C_A R$ and ${}^C_A T$.

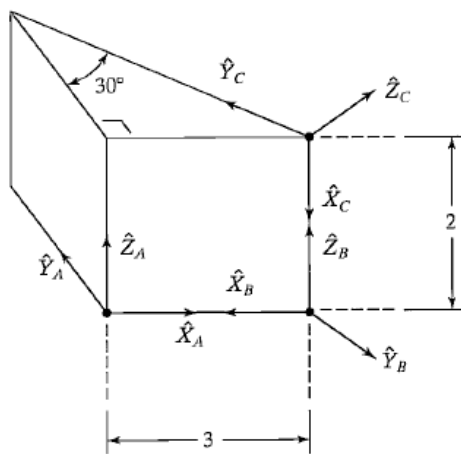


Figure Q-2