Assignment No. 2
EE -381 – Robotics I

Spring 2024

Author 1: Name: _____   CMS No.: _____

Author 2: Name: _____   CMS No.: _____

Note: Submit the solution of the assignment in hard form.

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1. Solve the following exercise questions from the book titled, "Introduction to Robotics" by Craig.

    [4x5 = 20 Marks]

    a. 2.30
    b. 2.32
    c. 2.34
    d. 2.35

2. Calculate DH Tables for the figures given with **Problems 3.16 to 3.21 (Fig 3.36 - 3.41)** from the book titled "Introduction to Robotics" by Craig. Assuming joint links from base to end effector with variable l_1, l_2, and l_3 respectively.

    [6x5 = 30 Marks]

Authors Contributions. Mention each authors contribution at the end of each question (**Mandatory**).

    Author 1.
    Author 2.

Grading scheme:

- Q1: 20 Marks
- Q2.1: 30 Marks
- Total: 50 marks

Copying. Copying is highly discouraged and it will lead to **a significant loss (90-95 %) of marks**.

* Copying includes using sentences, variables, code, formats from others. Discussion is appreciated, but attempt the tasks on your own (which would make it look original).

Submission

1. Submit the assignment in hard form.