HW2.1. Find the rotation matrix produced by a given set of Euler angles

Suppose we use the ZYZ body-axis Euler Angle sequence to describe the orientation of frame 1 with respect to frame 0. Define:

$$\theta_1 = 1.32$$
$$\theta_2 = -1.83$$
$$\theta_3 = -0.89$$

as the first, second, and third angles of rotation, respectively.

Python

```
import numpy as np

theta1 = 1.32
theta2 = -1.83
theta3 = -0.89
```

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Compute R_{01}:

$R_{01} =$ matrix (rtol=0.01, atol=1e-08)

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Homework 2

Assessment overview

Total points: 20/20

Score: 100%

Question

Value: 5

History: 1 2 1 2 3 4

Awarded points: 5/5

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