

HW4.4. Find the body twist that would produce a given pose

Suppose frames 0 and 1 are initially aligned. With what constant body twist $\mathcal{V}_{0,1}^1$ would frame 1 have to move in order for its pose T_{01} to be as follows after one second?

Python

```
import numpy as np

T_1in0 = np.array([[0.64916038, -0.53730141,
-0.53842177, 0.30940346], [0.41678927,
0.84337949, -0.33911316, 0.68336764],
[0.63629986, -0.00426958, 0.77143001,
-0.29064969], [0.00000000, 0.00000000,
0.00000000, 1.00000000]])
```

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$\mathcal{V}_{0,1}^1 =$



Save & Grade
Single attempt

Save only

Additional attempts available with new variants



Homework 4

Assessment
overview

Total 22/22
points:

Score: 110%

Question

Value: 1

History: 1, 2, 3

Awarded points: 5/5

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Attached
files

No attached
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