

HW4.1. Find linear and angular velocity given twist

Find the angular velocity $w_{s,b}^b$ and linear velocity $v_{s,b}^b$ of the body frame with respect to the space frame in the coordinates of the body frame, given the body twist $\mathcal{V}_{s,b}^b$.

Python

```
import numpy as np

V_sbinb = np.array([[ 0], [ 5], [-6], [-8],
                    [-7], [10]])
```

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$w_{s,b}^b =$

matrix (rtol=0.01, atol=1e-08)



$v_{s,b}^b =$

matrix (rtol=0.01, atol=1e-08)



Save & Grade
Single attempt

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Homework 4

Assessment
overview

Total 22/22
points:

Score: 110%

Question

Value: 2

History: 1
2

Awarded points: 2/2

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