## HW1.10. Find the coordinates of a vector in a different frame

The pose of frame 8 in the coordinates of frame 5 is

$$T_{58} = egin{bmatrix} 0.17337517 & 0.75335698 & -0.63434557 \ -0.27717569 & 0.65538986 & 0.70259360 \ 0.94504745 & 0.05401289 & 0.32244057 \ 0.00000000 & 0.00000000 & 0.00000000 \end{pmatrix}$$

A vector v in the coordinates of frame 5 is:

$$v_5 = egin{bmatrix} -0.24752678 \ -0.36733857 \ -0.37209617 \end{bmatrix}$$

## 

Find v in the coordinates of frame 8:

$$v_8= egin{array}{c} {\sf matrix} \ {\sf (rtol=0.01, atol=1e-08)} \end{array}$$

Save & Grade
Single attempt

Save only

Additional attempts available with new variants

8

Homework 1

Assessment

0.4 overview

0.( Total 30/30

1.( points:

-0

Score: 100%

Question

Value:

History:

3

Awarded points: 5/5

Report an error in this question

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Next question

Attached files

No attached files

Attach a file

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