HW3.6. Find the axis and angle that would align two frames

Suppose R_1^0 and R_2^0 describe the orientation of frame 1 and frame 2, respectively, in the coordinates of frame 0. What is the smallest non-negative angle (in radians) through which frame 2 would have to rotate about some fixed axis in order to be aligned with frame 1, and what is that axis in the coordinates of frame 1?


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

 $\theta =$ number (rtol=0.01, atol=1e-08)

Save & Grade
Single attempt

Save only Additional attempts available with new variants

8

8

Homework 3

Assessment overview

Total 23/23 points:

Score: 80%

Question

Value:

2

History:

2

2

1

2

1

2/2

Awarded points:

Report an error in this question

Previous question

Next question

Attached files

No attached files

Attach a file

Attach text