Peter Huynh

September 14, 2016

CSCI 3302

Homework 1

**Peer Assessment**

Assessment 1: Robotics Homework 1 - Submitted on Sunday, September 11, 2016, 11:05

PM, Modified on Sunday, September 11, 2016, 11:06 PM

1. 10 Points – Full Credit, got both!
2. 5 Points – Full Credit, correct!
3. a. 10 points – Correct process and angle

b. 10 Points – Correct again!

1. a. 2 Points – Only wrote one column

b. 2 Points – Incorrect

c. 4 Points – stated that the inverse is the transpose, but didn’t write it out

1. 10 points – Both coordinate systems

4 points – Stated velocity, but not rw

3 points – stated x, but not correct

3 points – No mention of y movement

3 points – Stated theta, but not correct

Assessment 2: Homework 1 - Submitted on Sunday, September 11, 2016, 11:50 PM

1. 8 Points – Correct for two degrees, but incorrect for two others
2. 5 Points – Correct, Full Credit
3. a. 9 Points – Correct, but didn’t use dot products

b. 7 Points – Incorrect, but attempted with explanation

1. a. 5 Points – Correct, Full Credit

b. 3 Points – Incorrect, but attempted with explanation

c. 2 Points – Incorrect, but answered

1. 0 Points – No attempt

3 Points – Incorrect, Attempted

0 Points – No attempt

1 Points – No attempt, but previous attempt was a part of this as well

1 Points – No attempt, but previous attempt was a part of this as well

Assessment 3: HW1BrandonSpitler - Submitted on Sunday, September 11, 2016, 10:22

PM

1. 8 Points – Got one degree of freedom correct, and attempted to explain the other.
2. 5 Points – Correct, Full Credit
3. a. 10 Points – Correct, Full Credit

b. 10 Points – Correct, Full Credit

1. a. 4 Points – Incorrect, but thorough attempt

b. 2 Points – Incorrect, but attempted

c. 3 Points – Incorrect, same as 4a attempt

1. 10 Points – Stated both axis

4 Points – Stated velocity

3 Points – Stated directional movement, not attempt to solve

3 Points – stated directional, no mention of y or skidding

5 Points – Solve, but in different stated terms

Self-Assessment: Peter Huynh: Homework 1 - Submitted on Saturday, September 10, 2016,

3:26 PM

1. 10 Points – Full Credit, Correct.
2. 3 Points – Attempted with valid reasoning, but wrong perspective
3. a. 10 Points – Full Credit, Correct

b. 9 Points – Stated a correct vector in z direction, but not as long as (0,0,1)T

1. a. 5 Points – Full Credit, Correct

b. 4 Points – Thorough and clear attempt, but applied wrong way

c. 5 Points – Full Credit, Correct

1. 5 Points – Full Credit, stated both axis

4 Points – Attempted to solve for all velocities

4 Points – Attempted to solve.

3 Points – On diagram, but not explicitly stated

3 Points – No formula, but appears on diagram