## Quiz 08: Chapter 15

## Due: Tuesday 20 Feb 24

Spring 2024

Examine the solved problem below. There are four errors in the solution below. Your task is to locate and identify those errors, then correct them and calculate the proper result. If the same error occurs more than once, only count it as a single error, even if you have to correct it in more than one instance.

Each correctly identified error is worth 4 points, and the re-calculated results are worth 4 points as well. You must save your work in pdf format and submit via the Quiz 08 Assignment in the Chapter 15 folder of the in the Quizzes folder in the Online Classroom in Blackboard. Please do not use any other file format than pdf.



F) Express the velocities  $\overline{v_A}$  and  $\overline{v_B}$  in terms of their Cartesian components:  $\overline{v_A} = [0.39\hat{i} + 0.16\hat{j}]\frac{m}{s}$  $\overline{v_B} = [1.13\hat{i} + 1.14\hat{j}]\frac{m}{s}$  c. Tucsuay z