

Substitute Assignment

APPLY Lab (Kosovicheva)

Instructions:

Click on the following article and answer the following questions in 2-3 pages (double-spaced).

[Whitney, D., Wurnitsch, N., Hontiveros, B., & Louie, E. \(2008\). Perceptual mislocalization of bouncing balls by professional tennis referees. *Current Biology*, 18\(20\), R947-R949.](#)

1. What idea did the authors test in this study?
2. What kinds of errors did the authors expect professional referees to make, and how did they analyze them? What do these results show? In your answer, be sure to include an explanation of 'predicted' and 'unpredicted' errors.
3. In addition to this analysis, the authors conducted additional laboratory experiments. Why? What were participants asked to do, and what do the results of these experiments show?
4. What were the conclusions reached in this article? How does motion affect real-world judgments of object position?

From the Code of Behaviour on Academic Matters: "It shall be an offence for a student to knowingly: represent as one's own any idea or expression of an idea or work of another in any academic examination or term test or in connection with any other form of academic work, i.e. to commit plagiarism. Wherever in the Code an offence is described as depending on "knowing", the offence shall likewise be deemed to have been committed if the person ought reasonably to have known." All students must refer to this website to obtain information on what constitutes plagiarism. [http://www.writing.utoronto.ca/advice/using-sources/how-not-to-plagiarize.](http://www.writing.utoronto.ca/advice/using-sources/how-not-to-plagiarize)

Plagiarism will not be tolerated.