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Students' explanations of motion in real-life context

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The concepts of force and acceleration are crucial when motion in both one and two dimensions is described. The relationship between the two concepts were explained in terms of Newton's first and second law of motion which is included in both high school and university first year physics curriculum. It is expected that both high school and university first year Physics students can be able to explain motion in real-life context in terms of terminologies used in Newton's first and second law. The paper present students' explanation of motion after viewing Phet simulations. Preliminary results revealed some discrepancy in students understanding of both Newtons first and second law.

Apply to be considered for a student award (Yes / No)?

No

Level for award (Hons, MSc, PhD, N/A)?

N/A

Would you like to submit a short paper for the Conference Proceedings (Yes / No)?

Yes

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