

Lecture Review

Yesterday, we reviewed the skill pyramid that you should work towards (reading → listening → writing → speaking) in physics communication. Special attention was given to the requirements of reading in physics, focusing on finding abstracts in English via research **themes** and topic **key words**:

Abstract ↔ research theme ↔ key words

In particular, each student was asked to express their research **theme** and speciality in order to understand topical **key words** in both languages. We finished with the importance of the word “analyzing” as it relates to physics.

Relevant Websites

<http://falstad.com/mathphysics.html>

<http://phys.educ.ksu.edu>

<http://daugerresearch.com/orbitals/index.shtml>

<http://phet.colorado.edu/en/simulations/category/new>

<http://toutestquantique.fr>

<https://www.st-andrews.ac.uk/physics/quvis/>

Homework One

1. You are to “analyze” one physics simulation from the above list by answering, in no more than 200 words, the following: “What is this simulation trying to teach, how is it trying to teach its theme, and is it an important topic for students to understand?” **You should write your answer in your native language first, then write it in English.**

For Next Class

For 20 April, please make sure to bring your laptop and journal notebook. We will discuss Homework One and use it to edit your simulation write-up (Analyzing and Assessing).

(If you have any problems accessing the above websites or videos, please let me know).