

Homework 11 Self-reflection

Anthony and Spencer

April 2, 2017

1 Homework 10

For the last couple of weeks, we have discussed our plans with the project and worked on the paired project homework questions separately, but on a Shared LaTeX file online. On the first homework question, we discussed various topics before deciding on Laser Wakefield Acceleration. On the second homework, Spencer created the original file with details and a bulleted timeline. Anthony expanded on the project description and connected each of the bullets to the paired project homework questions. This week, we both reviewed different sources, discussed how we could implement the results of the sources into our model, and wrote a description to answer the feedback and project question. The work of the project seems to be evenly distributed. Once we start calculations, we'll be meeting up to work on the code together.

2 Homework 11

For homework 11, we met up and coded the motion of a single electron from an incident electromagnetic plane wave. We coded together on a Jupyter notebook. We also wrote a brief summary of our work this week.