

Self-Reflection

For this week we prepared our first computational graphs for our research project. Based on the equations from last week we were able to work and solve for certain values. Danny and I worked together on solving the equations for the wave velocity, which allowed us to solve for the velocity in different magnetic fields as well as densities. Once we solved the equations I looked up values for the magnetic field and density of the sun while Danny double-checked the work done. We plugged in the values and we obtained some results. We tweaked the values a little to account for the changing magnetic fields and the different densities. Later Danny was able to recalculate the values we obtained, because some mistakes were made and he was also able to work on the python, to which I contributed once I arrived in the help room.

I feel good about our project, its gotten to something we can do within the time frame. I am definitely looking forward to solving the wave equation as I am better at the theoretical than computational aspect.