

E&M Project 2 Proposal

- I will be working on my own
- I plan to evaluate the proposed Gravito-magnetic model from my first paper. I aim to computationally evaluate the problem, going beyond what can be theoretically solved for analytically.
- The calculations involve electric and magnetic field propagating each other within a rotating body of charge.
- The work is driven mostly from the theoretical models proposed in one of the articles thoroughly cited in my first project. In addition, there are a number of textbooks that I can consult in order to more rigorously approach the more complicated mathematical and physical constructs that may be necessary to approach the problem.
- What I have found so far is the paper wherein the model was proposed and evaluated in comparison to some observational data to moderate success. I intend to attempt the calculations in a more precise manner and compare my results with those of the paper.