Physics 598 PEN – Spring 2021

**Assignment #4: Methods and Results Sections for Your Research Topic**

Write methods and results sections for your selected research topic. These sections should be written at a level suitable for a general audience and should include all the elements expected in the methods and results sections of a scientific paper. The methods section should include a description of the specific techniques used in your research topic and a description of the general procedures used in obtaining and analyzing the results. The results section should include a summary of results obtained; a description of procedures used to produce, analyze or process results; a discussion your interpretations of the results; and a discussion of how the results compare with relevant theories and/or existing data. These sections should also include appropriate references and use a consistent referencing style. Finally, you must include at least two relevant figures and appropriate figure captions. This assignment is worth 100 points, divided as follows: methods section (20 points), results section (30 points), two figures (20 points each), and references (10 points).

The first draft of this assignment will be due on Friday, April 2.
The final version of this assignment will be due on Friday, April 30.