

IEPG2x: Module 2 Report

1. Introduction

In this section, mention the description of the system built and the quantities that will be analyzed. You can also attach a screenshot of the circuit diagram built in OpenModelica.

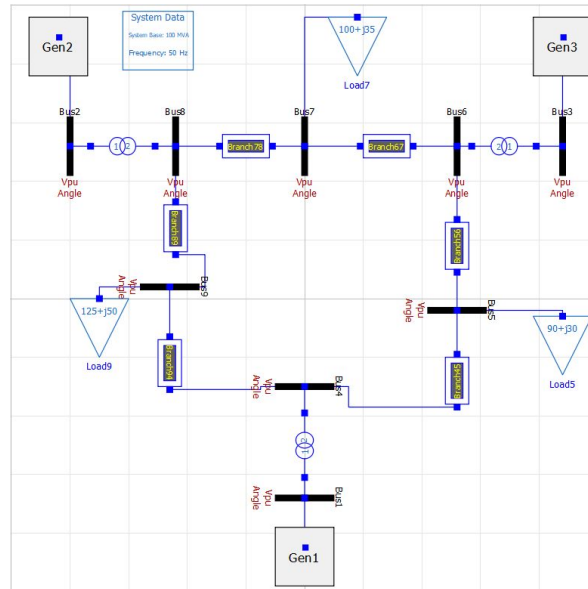


Figure 1: Network diagram

2. Analysis

2.1 Variable 1 (... Variable n)

In the first few sentences, mention the steps performed (for eg: adding a fault from 1 to 10 s) to analyze the variable.

Next, try to explain the reasons behind the changes in the system, you observe. We would like you to analyse the variables and give logical reasoning to **what is happening and why is it happening?** This analysis is the most important part of your report. Attach graphs which are relevant to your analysis and refer to the images distinctly, while explaining, so that your peers can understand your explanation better while reviewing. Make sure that the graphs are clear. Number the images properly. Also support your analysis with suitable equations wherever necessary. The analysis must be concise. Try to complete the report within the specified limits.

(e.g), Some interesting analysis here, describing what is seen in Figure 2, below.

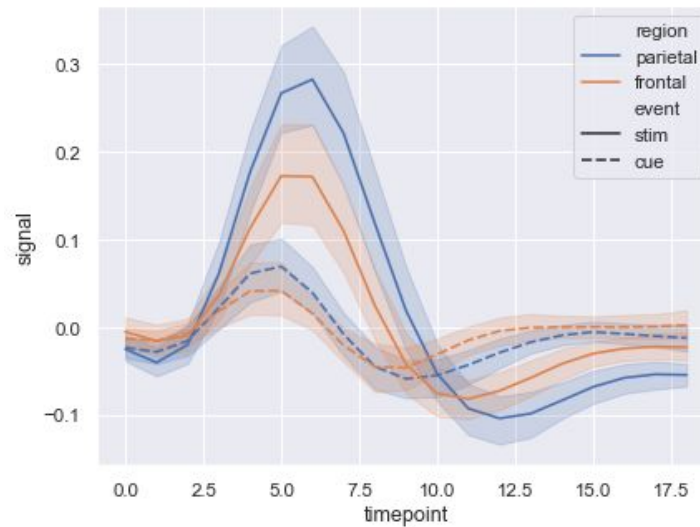


Figure 2: Example plot

3. Conclusion

In this section, mention the key takeaways from the analysis carried out. The conclusion must answer the main questions that are briefly mentioned in the introduction section.

Note : Maintaining a proper structure throughout the report with page numbers and mentioning important formulae wherever required is key. You need not strictly follow this template, but pay attention to details mentioned. Also, make sure the report doesn't exceed the specified page limits.

Parameters considered for grading (in decreasing order of importance):

1. Content (Analysis and Composition)
2. Structure (Proper formatting)
3. Quality (Plots, Readability)