LE 333 MiniProject

Objective To acquire more comprehensive knowledge through simulation program development.

Detail Write a Scilab program that can be used to simulate or prove what is discussed in Microwave Engineering.

Procedure

1. Choose the topic (e.g., transmission line, waveguide, network analysis, impedance matching, power divider, filter design and so on).
2. Describe the functional specification (i.e., what the program will do).
3. Design the methodology and program structure (i.e., how the program is organized; components, functions, etc.).
4. Develop the program.
5. Test and debug.

Report Write a brief report including the following topics:

1. Program specifications. (Objective, functions, etc.)
2. How to use the program.
3. Example results.
4. Summary

Due May, 15th, 2018.

Evaluation This miniproject will be evaluated by its theoretical accuracy, technical difficulty, and program usability.