

Title of the Report

Author: name

Partner: name

Section:

Abstract (2 lines)

- What has been done in the lab.
- The brief summaries of the results and conclusions

1, Introduction (1 paragraph)

- The problem is to be addressed.
- The significance of the problem.
- Theory behind it.

2, Experimental method (1 paragraph)

- Brief.
- How the experiment is conducted (e.g. the number of measurements are performed, conditions and events was not mentioned in the hand out)

3, Results (list anything NOT in the Excel file)

- Tabulate the raw data, plot the spectra obtained directly from the experiments.
- Detail treatment of the data including the calculation of error analysis.
- All data, raw or final should be with proper units and proper error.
- All tables and graphs should be clearly titled and labeled.

4, Discussion (one page)

- The conclusion in terms of final calculated values.
- Interpretation of the final results.
- Error propagation.
- Limitation of the experimental method and suggestion of possible improvements

5, Reference

- The source of non-routine information.

6, Appendix (on 3rd page if necessary)

- Long calculations

