

# Guidelines for Paper Write Up

## Title Author Year

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### I. DESCRIPTION OF THE STUDY

In this section describe at a high level an overview of the study. Think about:

- What was the purpose of the research?
- Why is the problem significant/important?
- Identify the research questions, objectives, or hypothesis(es)

### II. METHODS AND DESIGN

In this section discuss the method and design of the study that was proposed. Think about:

- Is the rationale for the chosen (model) system described and justified?
- Are the size and key characteristics of the sample described?
- How representative is the sample?
- How were the data collected?
- Is the data collection clearly described?
- Do the authors discuss the reliability and validity of their methods? Do you believe their method is reproducible?

### III. ANALYSIS

In this section discuss how the results of the study were analyzed. Think about:

- What data was used to evaluate the method?
- Was the data appropriate?
- What metrics were used to analyze the results?
- Do the selected metrics appear appropriate?

### IV. RESULTS

In this section discuss what were the findings of the research? Think about:

- Are the results presented in a clear and understandable way?
- Are the interpretations consistent with the results?
- Were the conclusions accurate and relevant to the problem the authors identified?
- Were the authors recommendations appropriate?
- Did the authors' compare their work to previous work?

### V. LIMITATIONS

All studies have limitations. What are the limitations to this study? Did the authors address those limitations?

### VI. SIGNIFICANCE

In this section discuss the significance of the work. Think about:

- How does the study contribute to the body of knowledge?
- Discuss implications related to practice/education/research
- What additional questions does the study raise?

### VII. CONCLUSION

This section summarizes your thoughts on the paper.

### REFERENCES

- [1] J. Hagenauer, E. Offer, and L. Papke. Iterative decoding of binary block and convolutional codes. *IEEE Trans. Inform. Theory*, vol. 42, no. 2, pp. 429-445, Mar. 1996.
- [2] T. Mayer, H. Jenkac, and J. Hagenauer. Turbo base-station cooperation for intercell interference cancellation. *IEEE Int. Conf. Commun. (ICC)*, Istanbul, Turkey, pp. 356-361, June 2006.
- [3] J. G. Proakis. *Digital Communications*. McGraw-Hill Book Co., New York, USA, 3rd edition, 1995.

## APPENDIX

*A. Instructions*

The report's content is summarized in the report in 1 page. You can go over but not under. The report must be written in L<sup>A</sup>T<sub>E</sub>X. This document provides an example of what should be contained within in the report.

*B. References*

References should be cited as numbers, and should be ordered by their appearance (example: "... as shown in [1], ..."). Only references that are actually cited can be listed in the references section. The references' format should be evident from the examples in this text.

References should be of academic character and should be published and accessible. You must cite all used sources. Examples of good references include text books and scientific journals or conference proceedings.

If possible, citing internet pages should be avoided. In particular, Wikipedia is *not* an appropriate reference in academic reports.

You must include the reference of paper that is being reviewed.

*C. Figures and Tables*

Figures and tables should be labeled and numbered, such as in Table I and Fig. 1.

TABLE I  
SIMULATION PARAMETERS

Information message length	$k = 16000$ bit
Radio segment size	$b = 160$ bit
Rate of component codes	$R_{cc} = 1/3$
Polynomial of component encoders	$[1, 33/37, 25/37]_8$

Fig. 1. Simulation results on the AWGN channel. Average throughput  $k/n$  vs  $E_s/N_0$ .