

An informative title

Firstname Lastname (Matriculation Number)

MLCV Seminar, TU Dresden

1 Summary (at most 1 column)

Cite the article(s) you are summarizing in this report. In addition, cite all other works this report is built on. Do not introduce or motivate the contents. This section can be very brief, e.g.: This expository article summarizes the work of Doe and Doe (2124), focusing on ... and connecting it to related work by Section ... follows the work of ... in that

2 Preliminaries

The purpose of this section is to introduce the mathematical and algorithmic preliminaries you consider helpful to understand the article(s) you are summarizing. This can include textbook knowledge.

3 Problem statement

State the problem addressed by the research article(s) rigorously, completely and concisely. You may deviate from the notation or terminology of the article(s) if this helps the reader to better connect its contents to preliminaries or related work. Do not motivate the problem.

4 Conceptual contributions

In this main section of the report, state the conceptual (i.e. non-empirical) contributions of the research article(s) completely, rigorously and in detail, using a consistent terminology and notation that may deviate from that of the article(s) if this helps the reader to better connect to preliminaries or related work. Prove all non-trivial statements and define all non-trivial algorithms in the form of pseudocode. Fill in gaps the original article(s) leave to the reader (if any). Make additional figures if helpful, preferably using TikZ and PGF¹.

5 Empirical contributions (if any, max. 1 column)

State briefly the main empirical findings of the article(s) you are summarizing (if any). Do not copy or reproduce any figures or tables.

References

John Doe and Jane Doe. On the Riemann Hypothesis. *Annals of Mathematics*, 2048(12), 2124.

¹<https://ctan.net/graphics/pgf/base/doc/pgfmanual.pdf>