

## Thesis Changes Log

**Name of Candidate:** Kirill Polovnikov

**PhD Program:** Theoretical Physics

**Title of Thesis:** ON CONNECTION BETWEEN SPARSE GRAPHS AND  
HYPERBOLIC GEOMETRY

**Supervisor:** Prof. Mikhail Gelfand, Prof. Sergei Nechaev

*The thesis document includes the following changes in answer to the external review process.*

**The Introduction Chapter has been slightly rewritten. In particular, to avoid repetitions with the following chapters, some pieces of the text have been rephrased; typos, misspellings and the references have been corrected.**

**The Chapter V has been rewritten: all the bioinformatics analyses not directly related to my contribution has been excluded; the corresponding Introduction and Discussion sections has been kept in order to have the obtained results in the context of biological validity and relevance. The figures have been aligned with references to them in the text.**

**The Conclusion has been rewritten to the conceptual overview of the main results, their interconnection and a broad discussion.**