

Iteration 2:

After the graph theory workshop, I do believe my introduction did not introduce the problem I was studying properly. I would rather explain the problems complexity in the following way: Ramsey numbers are numbers that guarantee the emergence of either of a set of two structures. The complexity in solving this problem comes from the exponential growth of graph permutations one needs to search through to verify the Ramsey number.

I believe the way I explained the limitations of classical computers is not clear. It was not clear why a computer can't handle these problems, (I would like to do this in more detail.)

I have not explained the functioning of a classical computer in an understandable way, and how the computations work as opposed to those of classical computers.

I won't speak about the efficiency of the algorithms (classical versus quantum) because you can't really compare the two because they are different in nature... Rather speak about the advantages of one over the other.

With reference to section 2.2. It seems like I wanted to describe the problem in terms of complexity classes, which is a topic I still don't have a decent understanding of.

For section 2.3 on the background of Quantum computing, I think I wrote useful notes but not in an understandable way. I jumped straight into the algorithm without breaking it into components which I think would have made it easier to digest. And I think I could explain some of these better with some of my notes from the quantum workshop. For example, explaining what the Hadamard matrix is and how it looks (or even showing it).