6 July 2018 group task in discrete math:

Edited at 10am 6 July 2018.

1. Define Karnaugh map and solve the problems using it.

https://en.wikipedia.org/wiki/Karnaugh\_map

2. Explain Petersen graph.

https://en.wikipedia.org/wiki/Petersen\_graph

3. Define Fast Fourier Transform and Discrete Fourier Transform.

https://en.wikipedia.org/wiki/Fast\_Fourier\_transform

https://en.wikipedia.org/wiki/Discrete\_Fourier\_transform

4. What is complexity of Brute-force search?

https://en.wikipedia.org/wiki/Brute-force\_search

5. Use graph theory to analyze soccer world cup.

https://www.fifa.com/worldcup/matches/?#knockoutphase

Quantum computing:

6. Use quantum computer.

https://www.research.ibm.com/ibm-q/

https://en.wikipedia.org/wiki/Quantum\_computing

7. Study

https://discrete4math.weebly.com/uploads/2/5/3/9/25393482/10graphs.ppt

https://discrete4math.weebly.com/uploads/2/5/3/9/25393482/11shortest.ppt

https://discrete4math.weebly.com/uploads/2/5/3/9/25393482/12trees.ppt

https://discrete4math.weebly.com/uploads/2/5/3/9/25393482/13trees.ppt

https://discrete4math.weebly.com/uploads/2/5/3/9/25393482/14circuits14etc.ppt

https://discrete4math.weebly.com/uploads/2/5/3/9/25393482/15boolean15algebra15.ppt

8. Play chess.

https://www.chess.com/

Writing:

9. Write 1 paragraph every day for your project.