Critic Review Exercise

1. Read the paper "*Lookahead Optimizer: k steps forward, 1 step back*", which you will find in the paper's directory. Make sure you read it carefully. No need to read the supplemented material thoroughly.

2. Prepare yourself to a session with your tutor. You will discuss the paper, and specifically the meaning of the theoretical analysis supplied in the paper and the analysis of the second order derivative process of choosing α.

3. Can you think of problems in the experiments described in the paper? Suggest experiments that will supply comparisons that should be made in the paper.

4. Discuss your thoughts with your tutor.

5. Implement the Lookahead optimizer and the experiments you suggested.