最优化方法，会以“Introduction to Applied Linear Algebra. Vectors, Matrices, and Least Squares”这本书进行讲授。计划讲授的章节如下：

Vector

1. Vector

2. Linear functions

3. Norm and distance

4. Clustering ( k-means, optimization conditions)

5. Linear independence

Matrices

6. Matrices (Matrix norm)

8. Linear equations

10. Matrix multiplication

11. Matrix inverses

Least squares

12. Least squares

15. Multi-objective least squares

16. Constrained least squares

18. Nonlinear least squares

其它章节作为参考学习内容！