我看过的书单

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2021 年 10 月 5 日

1 already

2020 年 4 月 21 日时做，按熟悉程度降序

- [1, Chap 1-6]: 复分析
- [2, Chap 1-18.7]: 代数几何 (大量跳步)
- [3]:Naive 的理论
- 课程讲义：王作勤老师的微分流形和刘世平老师的微分几何, 还有王作勤老师的辛几何前 4 节
- 古老的无法摆上台面的书：数学分析教程, 谢惠民, 李尚志等...
- [4]: 大部分直观理解解决了

- [5, 1-8]:Galois 理论
- [6]: 椭圆曲线的算术, 只看了 Mordell 定理证明需要的部分作为大研, 还速读了 [7]
- [8, Chap 1-5]: 好书, 就是经常卡
- [9, Chap 1,2]: 补过的材料
- [10, Chap 1-4,7,8]: 模形式入门书
- ?[Chap 10]GTM133.J.Harris.-.Algebraic.Geometry.a.first.course
- [11, Chap 1-4]: 代数数论 (一日速成)

2 fully forgotten

按熟悉度降序.

- [12, 13, 14, 15]: 黎曼面的材料看的很杂, 基本没有覆盖过某一本的证明细节

- [16, 6]: 上课教材
- [17, Chap 1-4,6]: 上课教材, 追过细节, 不记得了. 类似的有 [18]
- [19]: 题目没做, 内容看过.[20, 1-5]
- [21]: 自守形式, 旁听过课以这本书为教材, 没看
- [22]: 不变量理论, 当时需要的部分 (Schur-Weyl 对偶) 没看懂

3 ongoing

强烈的毕设需求。。。

- [23, Chap 1-4]: 正在看第 6 章. 大量跳步.
- [24, 25] 毕设的书
- [26]: 目标是看懂 σ 函数的基本性质
- [27]: 老师推荐的, 目标是看懂模方程
- [28]: 对应的补充材料，看到第 2 章。学习如何用现代语言描述 Klein 的理论。
- [29][30]: 目标是看懂 27 条直线。

4 in future

按渴望程度排序

- [31], 想知道 Klein 四次曲线的知识.
- [23]:[23] 的后续.
- [32]: 毕设相关, 据说写的不好
- Mline 教授的数论全家桶:[33, 34, 35]

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