Algebra II
Spring 2020
MATH-GA.2140-001

Instructor: Liming PANG
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Lecture Time: Tue. 19:10 – 21:00
Classroom: CIWW 517
Office Hour: Tue. 10:00 – 12:00
Office: CIWW 720

Textbooks:
- Serge Lang, Algebra, Revised Third Edition, Springer
- Jean-Pierre Serre, Linear Representation of Finite Groups, Springer

Content:
- Category Theory: Categories and Functors; Direct and Inverse Limits
- Modules: Basic Concepts; Matrices and Linear Maps; Tensor Products; Alternating Products
- Representation Theory: Finite Groups Representation; Braid Groups Representation and Knot Theory

Grading Policy: Midterm (50%), Final (50%)

Exam Schedule:
Midterm Exam ......................... Mar. 24 2020
Final Exam ............................. TBD

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