

LAWRGE 2023 NOTES

CONTENTS

1. Introduction	1
2. Lecture 1 (Monday)	1
3. Lecture 2 (Monday)	2
4. Lecture 3 (Monday)	2
5. Lecture 4 (Monday)	2
6. Lecture 5 (Tuesday)	2
7. Lecture 6 (Tuesday)	2
8. Lecture 7 (Tuesday)	2
9. Lecture 8 (Tuesday)	2
10. Lecture 9 (Wednesday)	2
11. Lecture 10 (Wednesday)	2
12. Lecture 11 (Wednesday)	2
13. Lecture 12 (Wednesday)	2
14. Lecture 13 (Thursday)	2
15. Lecture 14 (Thursday)	2
16. Lecture 15 (Friday)	3
17. Lecture 16 (Friday)	3
18. Lecture 17 (Friday)	3
19. Lecture 18 (Friday)	3

1. INTRODUCTION

Here is a template for a simple commutative diagram in tikz:

$$\begin{array}{ccc} X' & \xrightarrow{f'} & Y' \\ h' \downarrow & & \downarrow h \\ X & \xrightarrow{f} & Y \end{array}$$

2. LECTURE 1 (MONDAY)

Hey this happened on Monday at 9

3. LECTURE 2 (MONDAY)

Hey this happened on Monday at 9

4. LECTURE 3 (MONDAY)

Hey this happened on Monday at 9

5. LECTURE 4 (MONDAY)

Hey this happened on Monday at 9

6. LECTURE 5 (TUESDAY)

Hey this happened on Monday at 9

7. LECTURE 6 (TUESDAY)

Hey this happened on Monday at 9

8. LECTURE 7 (TUESDAY)

Hey this happened on Monday at 9

9. LECTURE 8 (TUESDAY)

Hey this happened on Monday at 9

10. LECTURE 9 (WEDNESDAY)

Hey this happened on Monday at 9

11. LECTURE 10 (WEDNESDAY)

Hey this happened on Monday at 9

12. LECTURE 11 (WEDNESDAY)

Hey this happened on Monday at 9

13. LECTURE 12 (WEDNESDAY)

Hey this happened on Monday at 9

14. LECTURE 13 (THURSDAY)

Hey this happened on Monday at 9

15. LECTURE 14 (THURSDAY)

Hey this happened on Monday at 9

16. LECTURE 15 (FRIDAY)
17. LECTURE 16 (FRIDAY)
18. LECTURE 17 (FRIDAY)
19. LECTURE 18 (FRIDAY)