

Your Title

A Dissertation
Submitted to
the Temple University Graduate Board

in Partial Fulfillment
of the Requirements for the Degree of
DOCTOR OF PHILOSOPHY

by
Your name
Month, Year

Examining Committee Members:

[Your chair], Advisory Chair, Mathematics

[Temple Professor 1], Mathematics

[Temple Professor 2], Mathematics

[Outside Examiner], [Their Department], [Their School]

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Month, Year

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ABSTRACT

Insert your abstract here.

ACKNOWLEDGEMENTS

Insert your acknowledgements.

[Insert your dedication]

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LIST OF FIGURES

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- 1.2 A link diagram (in green) on a genus 2 surface. We can form two checkerboard surfaces from this link diagram by connecting faces of the same color via twisted bands at every crossing. These two surfaces (one shaded and one white) meet in *crossing arcs*, running between the under and over-strands of the link. 1
- 2.1 Above: 4 copies of a crossing arc for each crossing on a pentagonal face of a link diagram. Below: The view of the pentagonal face from ‘above’ and ‘below’ after the overstrands of the link are shrunk down to ideal vertices. 2

CHAPTER 1

Introduction

[Insert your introduction.]

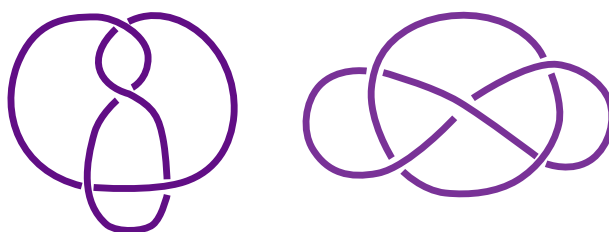


Figure 1.1: Left: An alternating knot. Right: An alternating link.

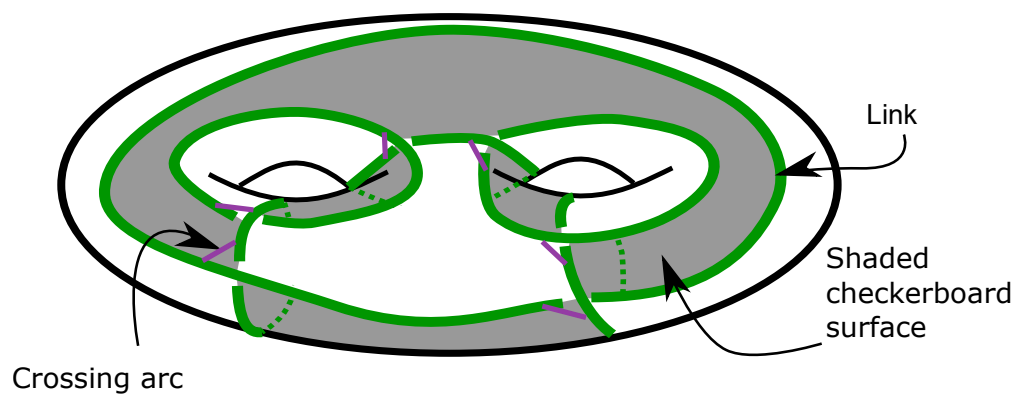


Figure 1.2: A link diagram (in green) on a genus 2 surface. We can form two checkerboard surfaces from this link diagram by connecting faces of the same color via twisted bands at every crossing. These two surfaces (one shaded and one white) meet in *crossing arcs*, running between the under and over-strands of the link.

CHAPTER 2

[Insert your chapter name]

[Insert the intro to your chapter.]

Thurston proved...[?].

2.1 [Insert your section name]

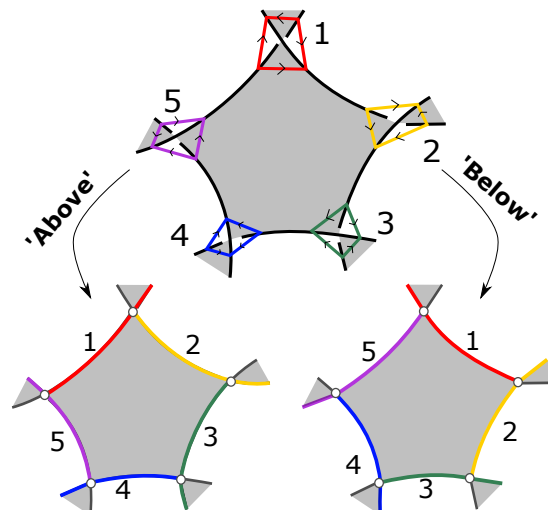


Figure 2.1: Above: 4 copies of a crossing arc for each crossing on a pentagonal face of a link diagram. Below: The view of the pentagonal face from ‘above’ and ‘below’ after the overstrands of the link are shrunk down to ideal vertices.

CHAPTER 3

TABLES

Table 3.1: [Insert your table caption.]

[Insert Label]	[Insert Label]	[Insert Label]	[Insert Label]
2	5	4	8
2	6	4	4
2	7	3	12
2	8	3	6
2	8	4	2
2	9	3	4
2	10	3	3
2	10	5	1
2	12	3	2
2	12	4	1
2	18	3	1
2	8	8	1
2	6	6	2
2	5	5	4

Table 3.1 – continued from previous page

[Insert Label]	[Insert Label]	[Insert Label]	[Insert Label]
2	5	4	8
2	6	4	4
2	7	3	12
2	8	3	6
2	8	4	2
2	9	3	4
2	10	3	3
2	10	5	1
2	12	3	2
2	12	4	1
2	18	3	1
2	8	8	1
2	6	6	2
2	5	5	4

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