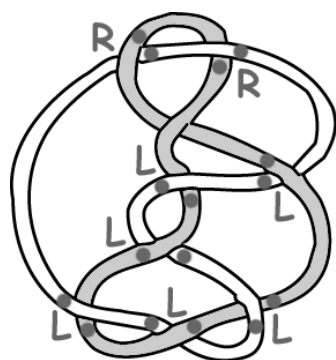


## Practice Second Midterm AAA (Part Two)

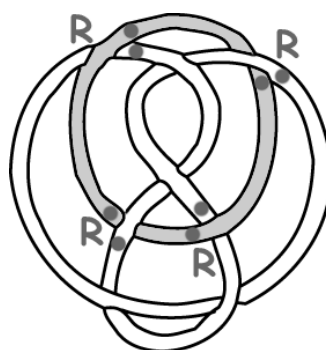
Math V1011: Surfaces and Knots, Dave Bayer

### Answer Key

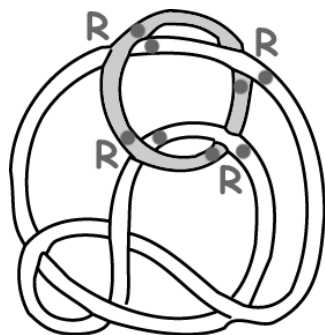
[1] Computing the linking number between the components of each of the following links.



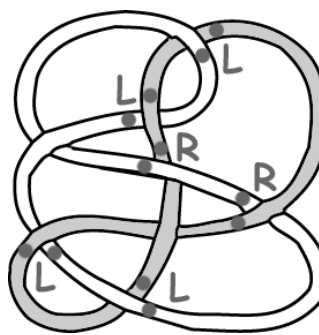
LLLLLL RR  $4/2 = 2$



RRRR  $4/2 = 2$



RRRR  $4/2 = 2$



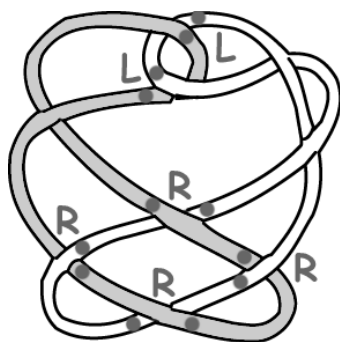
LLLL RR  $2/2 = 1$

## Practice Second Midterm AAB (Part Two)

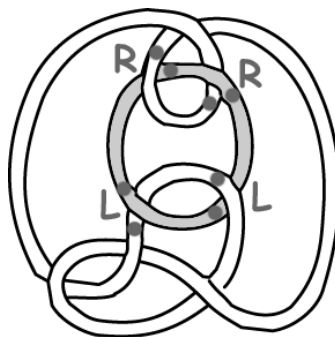
Math V1011: Surfaces and Knots, Dave Bayer

### Answer Key

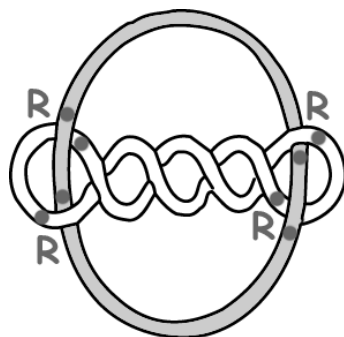
[1] Computing the linking number between the components of each of the following links.



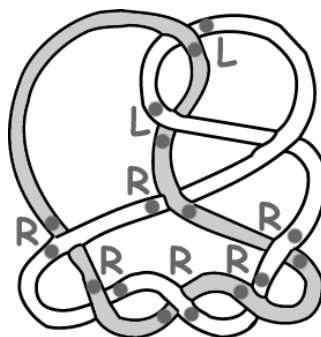
$$LL \ RRRR \ 2/2 = 1$$



$$LL \ RR \ 0/2 = 0$$



$$RRRR \ 4/2 = 2$$



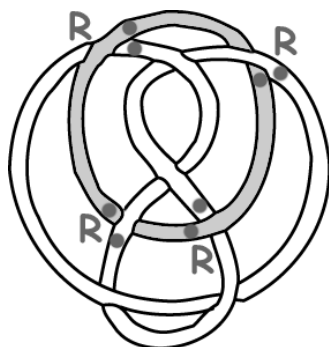
$$LL \ RRRRRR \ 4/2 = 2$$

# Practice Second Midterm AAC (Part Two)

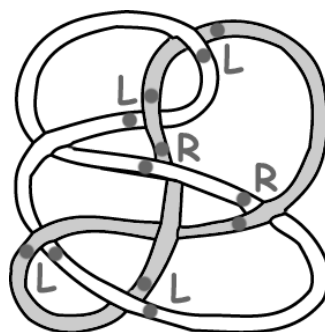
Math V1011: Surfaces and Knots, Dave Bayer

## Answer Key

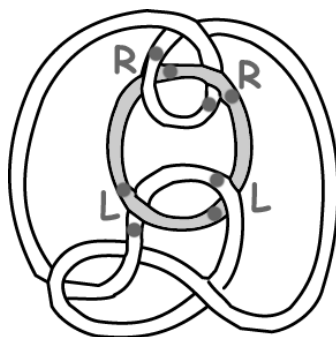
[1] Computing the linking number between the components of each of the following links.



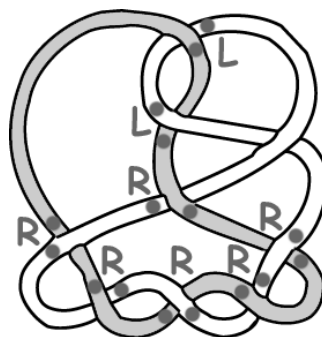
$$RRRR \ 4/2 = 2$$



$$LLLL \ RR \ 2/2 = 1$$



$$LL \ RR \ 0/2 = 0$$



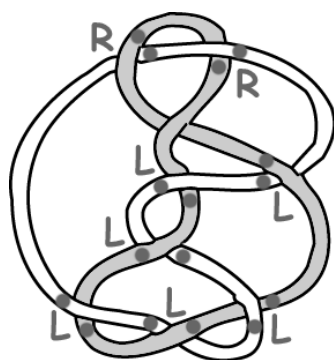
$$LL \ RRRRRR \ 4/2 = 2$$

## Practice Second Midterm AAD (Part Two)

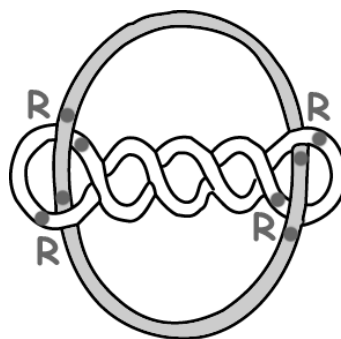
Math V1011: Surfaces and Knots, Dave Bayer

### Answer Key

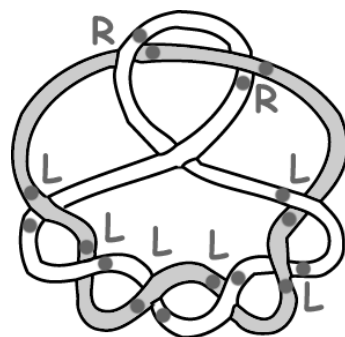
[1] Computing the linking number between the components of each of the following links.



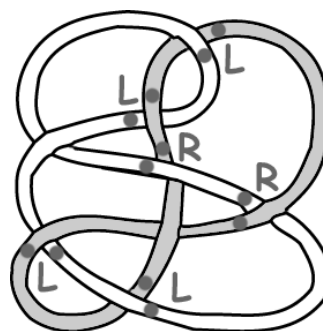
LLLLLL RR  $4/2 = 2$



RRRR  $4/2 = 2$



LLLLLL RR  $4/2 = 2$



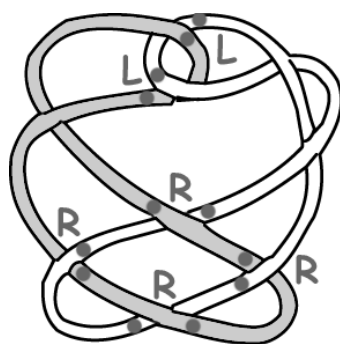
LLLL RR  $2/2 = 1$

# Practice Second Midterm AAE (Part Two)

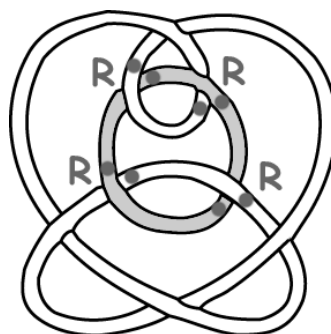
Math V1011: Surfaces and Knots, Dave Bayer

## Answer Key

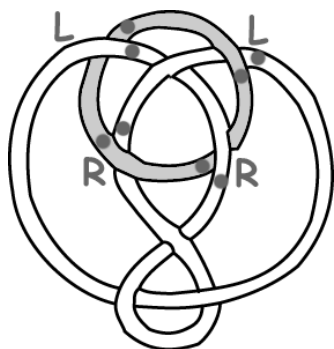
[1] Computing the linking number between the components of each of the following links.



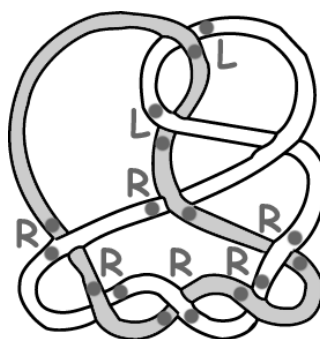
$$LL \ RRRR \ 2/2 = 1$$



$$RRRR \ 4/2 = 2$$



$$LL \ RR \ 0/2 = 0$$



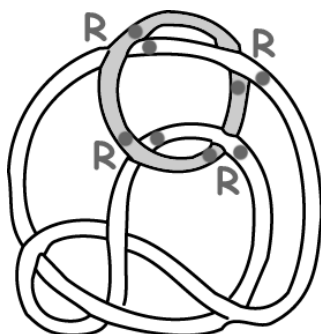
$$LL \ RRRRRR \ 4/2 = 2$$

## Practice Second Midterm AAF (Part Two)

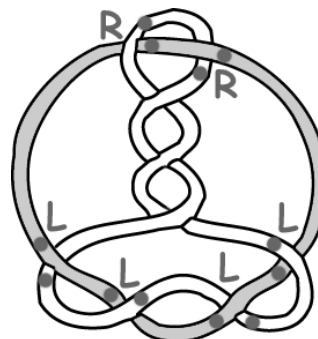
Math V1011: Surfaces and Knots, Dave Bayer

### Answer Key

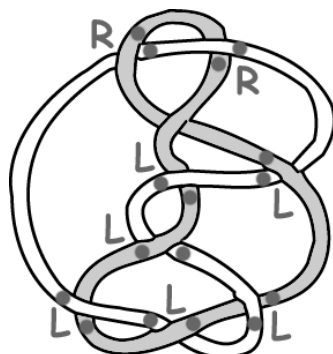
[1] Computing the linking number between the components of each of the following links.



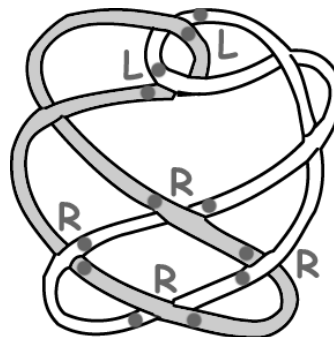
$$RRRR \ 4/2 = 2$$



$$LLLL \ RR \ 2/2 = 1$$



$$LLLLLL \ RR \ 4/2 = 2$$



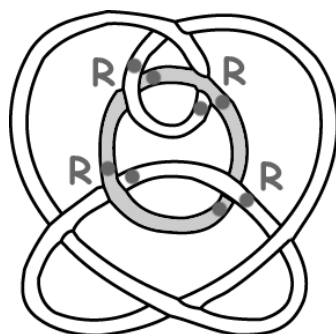
$$LL \ RRRR \ 2/2 = 1$$

# Practice Second Midterm AAG (Part Two)

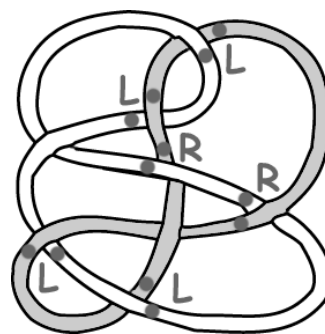
Math V1011: Surfaces and Knots, Dave Bayer

## Answer Key

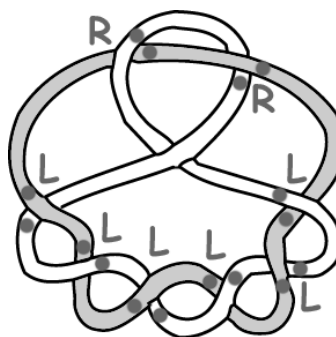
[1] Computing the linking number between the components of each of the following links.



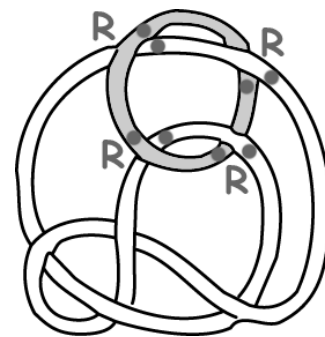
$$RRRR \ 4/2 = 2$$



$$LLLL \ RR \ 2/2 = 1$$



$$LLLLLL \ RR \ 4/2 = 2$$



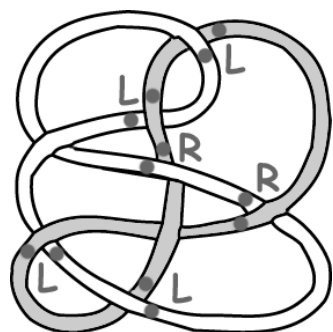
$$RRRR \ 4/2 = 2$$

# Practice Second Midterm ABA (Part Two)

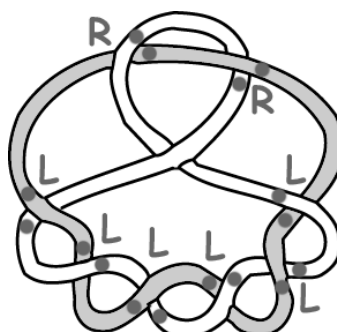
Math V1011: Surfaces and Knots, Dave Bayer

## Answer Key

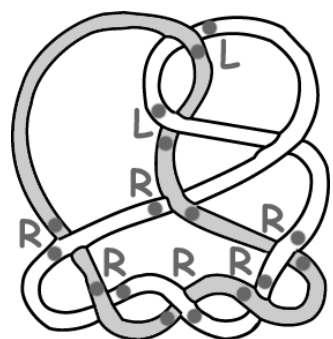
[1] Computing the linking number between the components of each of the following links.



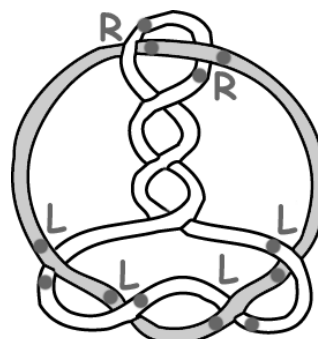
LLLL RR  $2/2 = 1$



LLLLLL RR  $4/2 = 2$



LL RRRRRR  $4/2 = 2$



LLLL RR  $2/2 = 1$

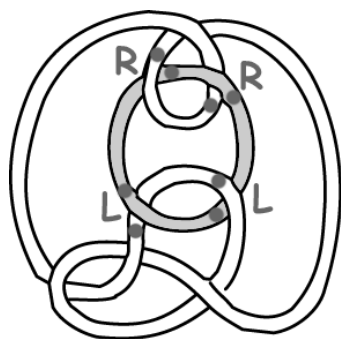


## Practice Second Midterm ABB (Part Two)

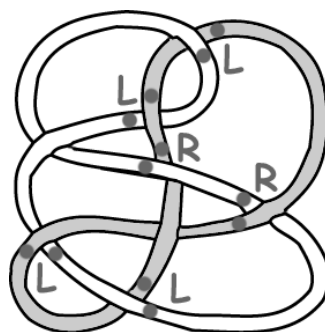
Math V1011: Surfaces and Knots, Dave Bayer

### Answer Key

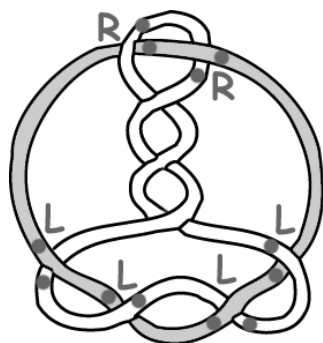
[1] Computing the linking number between the components of each of the following links.



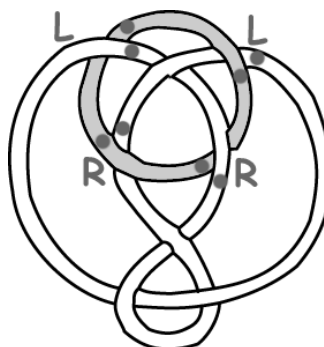
$$LL \ RR \ 0/2 = 0$$



$$LLLL \ RR \ 2/2 = 1$$



$$LLLL \ RR \ 2/2 = 1$$



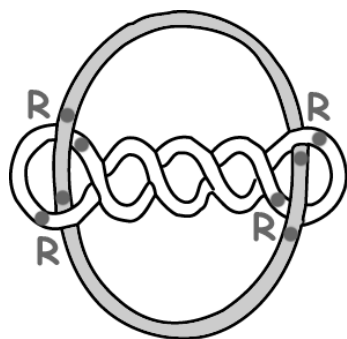
$$LL \ RR \ 0/2 = 0$$

## Practice Second Midterm ABC (Part Two)

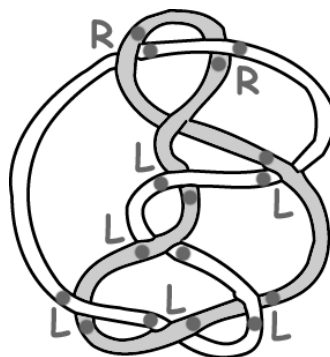
Math V1011: Surfaces and Knots, Dave Bayer

### Answer Key

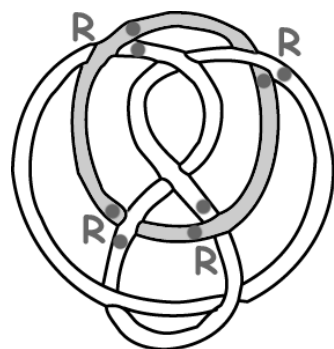
[1] Computing the linking number between the components of each of the following links.



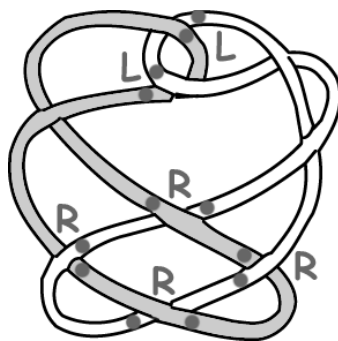
$$RRRR \ 4/2 = 2$$



$$LLLLLL \ RR \ 4/2 = 2$$



$$RRRR \ 4/2 = 2$$



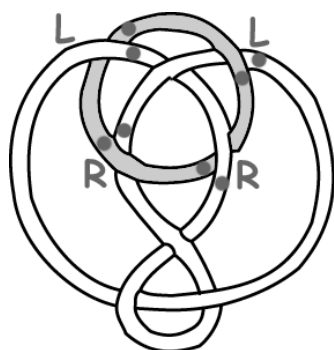
$$LL \ RRRR \ 2/2 = 1$$

## Practice Second Midterm ABD (Part Two)

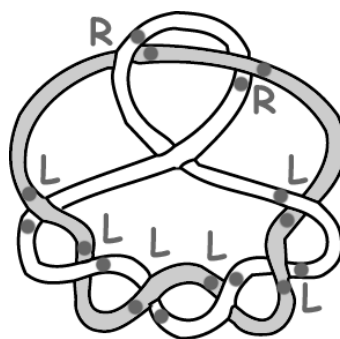
Math V1011: Surfaces and Knots, Dave Bayer

### Answer Key

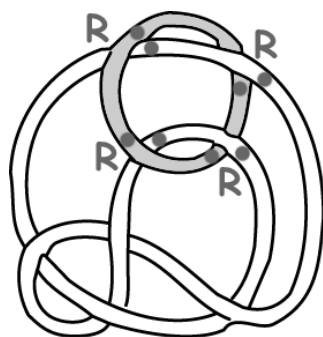
[1] Computing the linking number between the components of each of the following links.



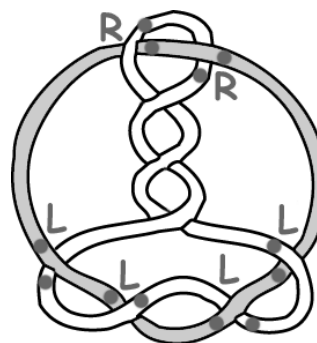
$$LL \ RR \ 0/2 = 0$$



$$LLLLLL \ RR \ 4/2 = 2$$



$$RRRR \ 4/2 = 2$$



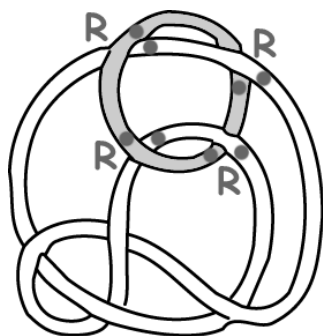
$$LLLL \ RR \ 2/2 = 1$$

## Practice Second Midterm ABE (Part Two)

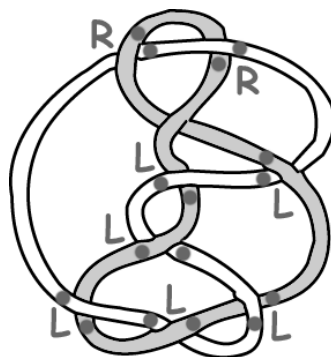
Math V1011: Surfaces and Knots, Dave Bayer

### Answer Key

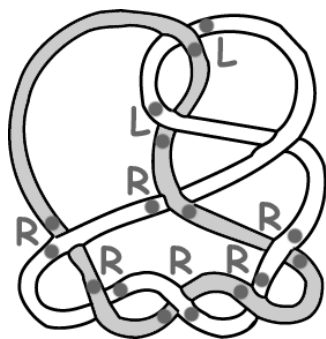
[1] Computing the linking number between the components of each of the following links.



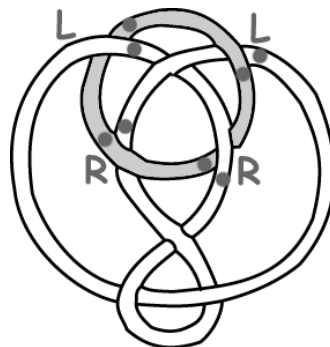
$$RRRR \ 4/2 = 2$$



$$LLLLLL \ RR \ 4/2 = 2$$



$$LL \ RRRRRR \ 4/2 = 2$$



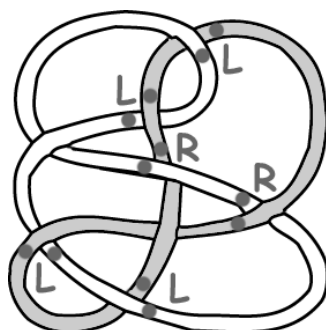
$$LL \ RR \ 0/2 = 0$$

# Practice Second Midterm ABF (Part Two)

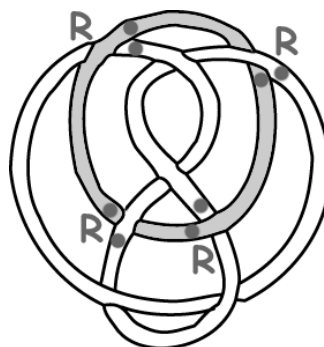
Math V1011: Surfaces and Knots, Dave Bayer

## Answer Key

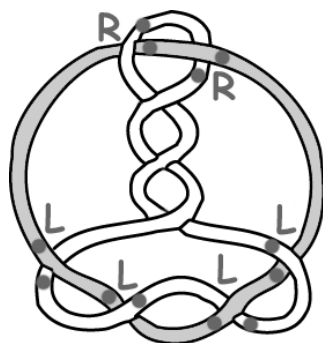
[1] Computing the linking number between the components of each of the following links.



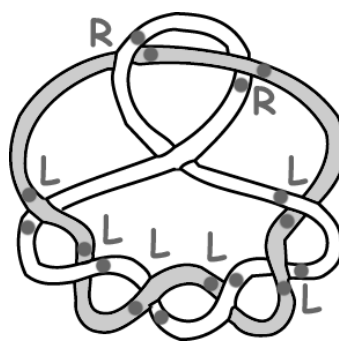
$$LLLL \text{ } RR \text{ } 2/2 = 1$$



$$RRRR \text{ } 4/2 = 2$$



$$LLLL \text{ } RR \text{ } 2/2 = 1$$



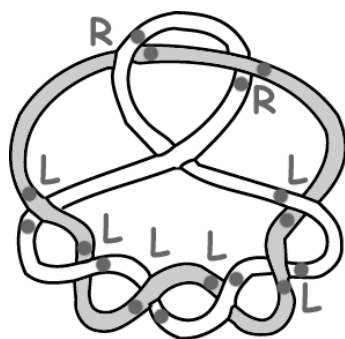
$$LLLLLL \text{ } RR \text{ } 4/2 = 2$$

# Practice Second Midterm ABG (Part Two)

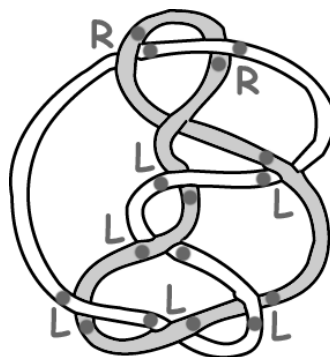
Math V1011: Surfaces and Knots, Dave Bayer

## Answer Key

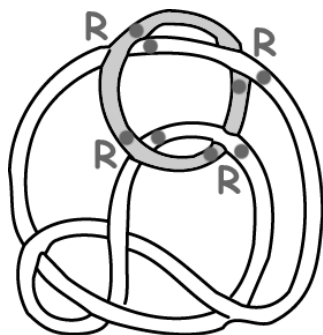
[1] Computing the linking number between the components of each of the following links.



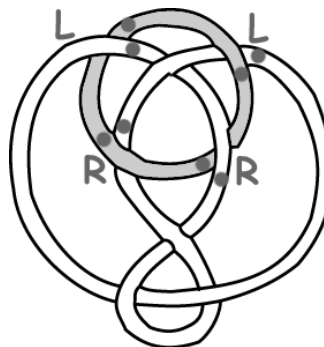
LLLLLL RR  $4/2 = 2$



LLLLLL RR  $4/2 = 2$



RRRR  $4/2 = 2$



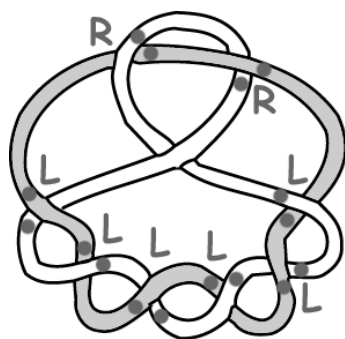
LL RR  $0/2 = 0$

# Practice Second Midterm ACA (Part Two)

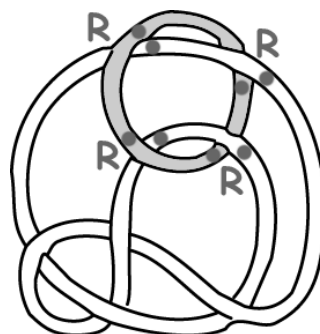
Math V1011: Surfaces and Knots, Dave Bayer

## Answer Key

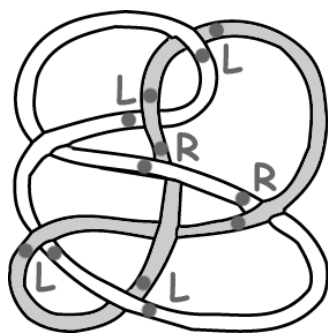
[1] Computing the linking number between the components of each of the following links.



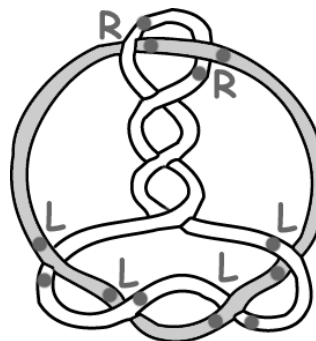
LLLLLL RR  $4/2 = 2$



RRRR  $4/2 = 2$



LLL RR  $2/2 = 1$



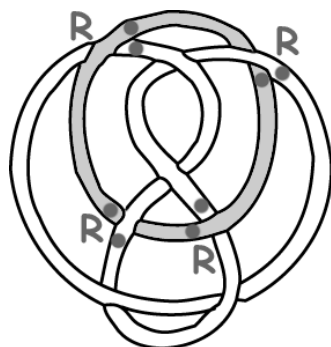
LLL RR  $2/2 = 1$

# Practice Second Midterm ACB (Part Two)

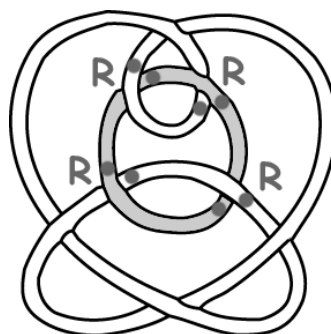
Math V1011: Surfaces and Knots, Dave Bayer

## Answer Key

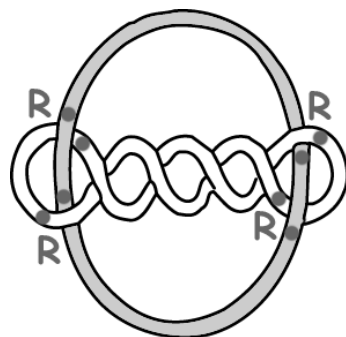
[1] Computing the linking number between the components of each of the following links.



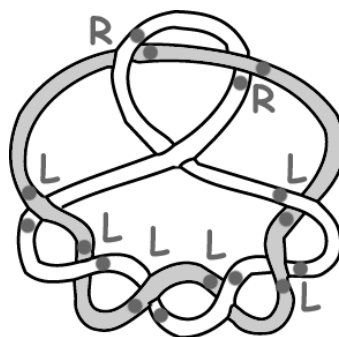
$$RRRR \ 4/2 = 2$$



$$RRRR \ 4/2 = 2$$



$$RRRR \ 4/2 = 2$$



$$LLLLL \ RR \ 4/2 = 2$$

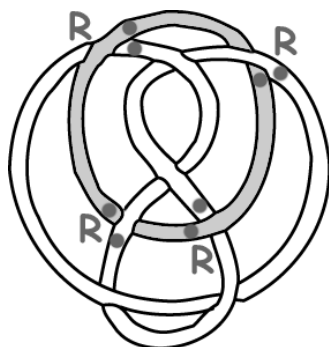


# Practice Second Midterm ACC (Part Two)

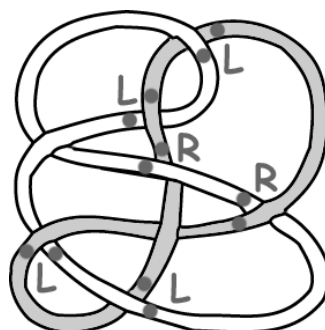
Math V1011: Surfaces and Knots, Dave Bayer

## Answer Key

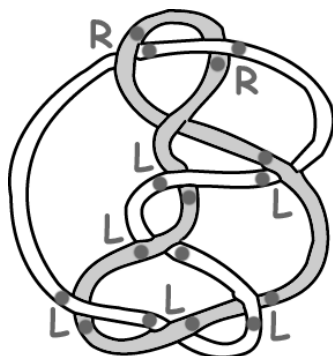
[1] Computing the linking number between the components of each of the following links.



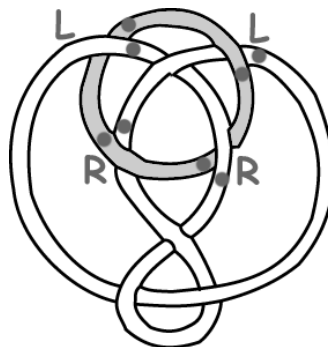
$$RRRR \ 4/2 = 2$$



$$LLLL \ RR \ 2/2 = 1$$



$$LLLLLL \ RR \ 4/2 = 2$$



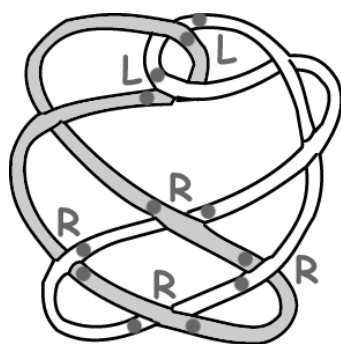
$$LL \ RR \ 0/2 = 0$$

## Practice Second Midterm ACD (Part Two)

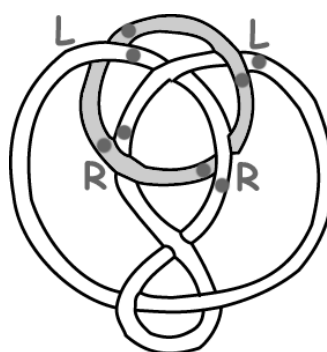
Math V1011: Surfaces and Knots, Dave Bayer

### Answer Key

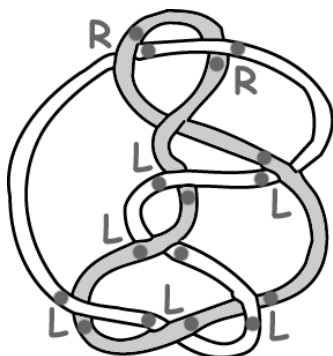
[1] Computing the linking number between the components of each of the following links.



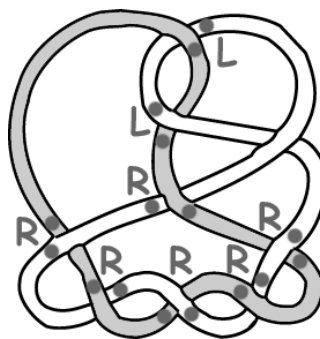
$$LL \ RRRR \ 2/2 = 1$$



$$LL \ RR \ 0/2 = 0$$



$$LLLLLL \ RR \ 4/2 = 2$$



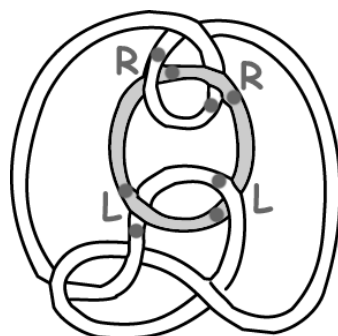
$$LL \ RRRRRR \ 4/2 = 2$$

## Practice Second Midterm ACE (Part Two)

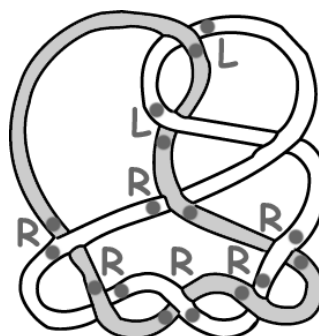
Math V1011: Surfaces and Knots, Dave Bayer

### Answer Key

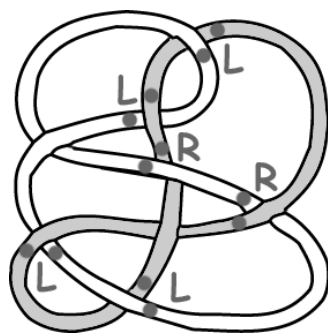
[1] Computing the linking number between the components of each of the following links.



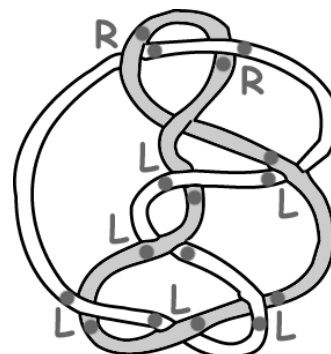
$$LL \ RR \ 0/2 = 0$$



$$LL \ RRRRRR \ 4/2 = 2$$



$$LLLL \ RR \ 2/2 = 1$$



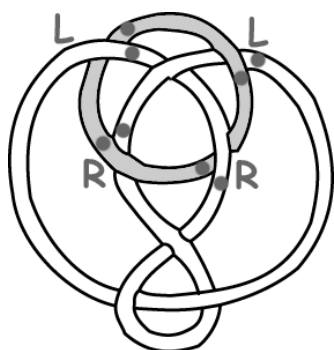
$$LLLLLL \ RR \ 4/2 = 2$$

## Practice Second Midterm ACF (Part Two)

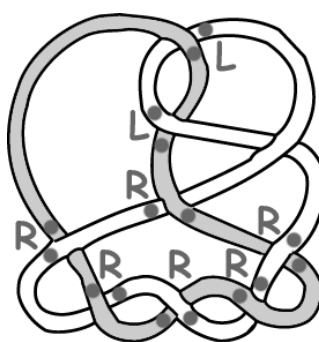
Math V1011: Surfaces and Knots, Dave Bayer

### Answer Key

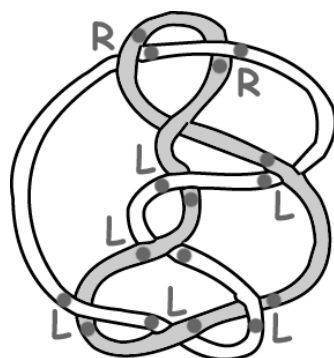
[1] Computing the linking number between the components of each of the following links.



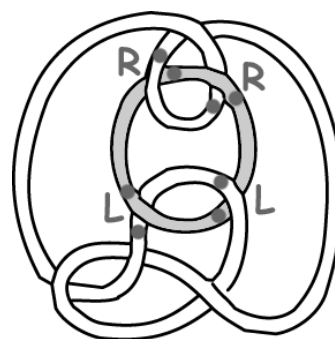
$$LL \ RR \ 0/2 = 0$$



$$LL \ RRRRRR \ 4/2 = 2$$



$$LLLLLL \ RR \ 4/2 = 2$$



$$LL \ RR \ 0/2 = 0$$