

# Cryptography midterm report

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# Contents

<b>1</b>	<b>Topic</b>	<b>2</b>
<b>2</b>	<b>Hash function</b>	<b>3</b>
<b>3</b>	<b>ISBN</b>	<b>4</b>
<b>4</b>	<b>Credit card</b>	<b>5</b>
<b>5</b>	<b>Dihedral Group</b>	<b>6</b>
<b>6</b>	<b>Quasigroup</b>	<b>7</b>
<b>7</b>	<b>Summary</b>	<b>8</b>

# Chapter 1

## Topic

We presented basic checksum algorithms such as the one used in credit card numbers. Explain what is a quasigroup. Present and analyze Damms method based on quasigroups to detect all single-digit and transposition errors. Are there other quasigroups that work ?

## Chapter 2

# Hash function

Hash function blah

## Chapter 3

# ISBN

Content

## Chapter 4

# Credit card

Content

## Chapter 5

# Dihedral Group

Content

# Chapter 6

## Quasigroup

Content



# Chapter 7

## Summary

Content