

**Analysis and Design of Cryptographic Hash  
Functions**

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This thesis entitled:  
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written by **Krystian Matusiewicz**  
has been approved for the Department of Mathematics

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The final copy of this thesis has been examined by the signatories, and we find that both the content and the form meet acceptable presentation standards of scholarly work in the above mentioned discipline.

Thesis directed by Prof. Josef Pieprzyk and Prof. XXX YYYYY.

## **Summary**

The subject of this thesis is the study of cryptographic hash functions

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## **Chapter 1**

### **Introduction**

In this introduction we introduce introductory facts.