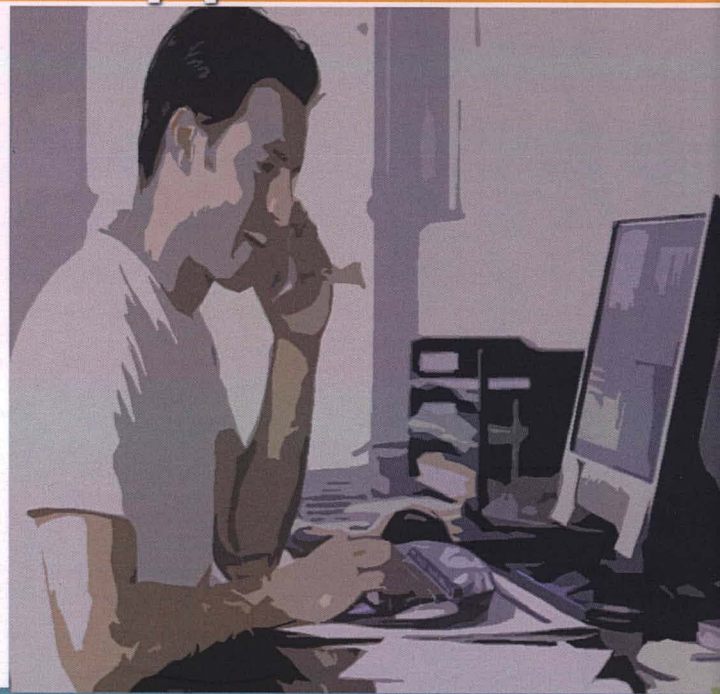


Computer Applications

Theories and Applications

Imad Fakhri Taha Al Shaikhli
Akram M. Zeki
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TABLE OF CONTENTS

Dedication	i
Preface	vii
Acknowledgement	ix
Introduction	xi - xvi
List of Abbreviations	xvii - xviii
Part I: Genetic Algorithm & Its State-of-the-art Applications	
1. The Use of Genetic Algorithm in Autonomous Robot Navigation	3 - 13
- Raini Hassan	
- Imad Fakhri Taha Al-Shaikhli	
- Asadullah Shah	
2. In-Silico Drug Target Design & Its Approaches	15 - 26
- Hassen Mohammed Abduallah Alsafi	
- Imad Fakhri Taha Al-Shaikhli	
- Asadullah Shah	
3. Implementing DNA Sequence Using Genetic Algorithm	27 - 36
- Ahmad Faridi Abdul Fatin	
- Aqqiela Zuhra	
- Imad Fakhri Taha Al-Shaikhli	
- Asadullah Shah	

4. Molecular Docking	37 - 44
- Hassen Mohammed Abdullah Alsafi	
- Imad Fakhri Taha Al-Shaikhli	
- Asadullah Shah	

5. The Use of Genetic Algorithm in Improving Medical Image Segmentation Techniques	45 - 55
- Raini Hassan	
- Imad Fakhri Taha Al-Shaikhli	
- Asadullah Shah	

**Part II: The Use of Computer Security in
Improving the Qur'an Data Security**

6. Protection Mechanisms Using MD5 and Base64	59 - 69
- Mohammad A. Ahmad	
- Imad Fakhri Taha Al-Shaikhli	
- Hanady Mohammad Ahmed	
- Asadullah Shah	

7. Developed System for Quran Protection Using MD5 and Base64	71 - 84
- Mohammad A. Ahmad	
- Imad Fakhri Taha Al-Shaikhli	
- Hanady Mohammad Ahmed	

8. Protection Mechanisms Using LSB and MD5	85 - 98
- Imad Fakhri Taha Al-Shaikhli	
- Mohammad A. Ahmad	
- Sondos Alhussainan	
- Asadullah Shah	
9. Developed System for Quran Protection using LSB Replacement and MD5	99 - 109
- Mohammad A. Ahmad	
- Sondos Alhussainan	
- Imad Fakhri Taha Al-Shaikhli	
 Part III: ATM Systems	
10. An Overview of ATM Systems Security	113 - 128
- Omarah O. Alharaki	
- Mohammed Hweidi	
- Akram M. Zeki	
11. Security Risk of ATM Systems, Case of Study	129 - 138
- Omarah O. Alharaki	
- Mohammed Hweidi	
- Akram M. Zeki	
- Asadullah Shah	
12. Threats and Solutions for ATM Security Systems	139 - 152
- Omarah O. Alharaki	
- Mohammed Hweidi	
- Akram M. Zeki	

Part IV: General Use of ICT

13. Investigating the Student's awareness on Computer Security and Ethics 155 - 177

- Mansur Aliyu
- Nahel A. O. Abdallah
- Nojeem A. Lasisi
- Dahir Diyar
- Ahmed M. Zeki
- Akram M. Zeki

14. Difficulties and Challenges of Recognizing Arabic Text 179 - 191

- Mustafa Ali Abuzaraida
- Akram M. Zeki
- Ahmed M. Zeki

12. Threats and Solutions for ATM Security Systems

Omarah O. Alharaki, Mohammed Hweidi, Akram M. Zeki

ABSTRACT

This study aims to define the features of ATM security, as it presents the ATM threats and solutions in order to secure ATM machines. Moreover, it gives overview of popular ATM security techniques implemented. It gives brief outline of the security threats prevalent in an ATM environment and the types of security services required to counteract these threats. The primary focus of this article is on the virtual crimes occurring in Automated Teller Machines (ATMs) where quick cash is the prime target for criminals rather than at banks itself.

INTRODUCTION

The attacks and threats that breach ATM security are mainly of the following two types namely:

1. *Direct Threat*: Direct threat addresses the situation where the ATM system is the victim of the attack.