CONTENTS

PAGE

CONTENTS (Cont.)

PAGE

LIST OF TABLES

TABLE **PAGE**

LIST OF TABLES (Cont.)

TABLE **PAGE**

LIST OF FIGURES

FIGURE **PAGE**

LIST OF ABBREVIATIONS

AI	Artificial Intelligent
ANN	Artificial Neural Network
ART	Adaptive Resonance Theory
DoS	Denial of Service
DR	Detection Rate
FA	False Alarm
HIDS	Host-Based Intrusion Detection System
IDPS	Intrusion Detection and Prevention System
IDS	Intrusion Detection System
KDD99	International Conference on Knowledge Discovery and Data Mining 1999
LD2	Lightweight Detection System
MAWI	Measurement and Analysis on WIDE Internet
METROSEC	Metrology for Security and Quality of Service
MOGFIDS	Multi-Objective Genetic Fuzzy Intrusion Detection System
N/A	Not Available
NIDS	Network-Based Intrusion Detection System
Probe	Port Scan
PSO	Particle Swarm Optimization
R2L	Remote to Local Attack
RT-UNNID	Real-Time Unsupervised Neural-Net-Based Intrusion Detector
SOM	Self Organizing Maps
SVM	Support Vector Machine
TN	True Negative Rate
U2R	User to Root

LIST OF ABBREVIATIONS (Cont.)

UI	User Interface
UNN-Engine	Unsupervised Neural-Net-Based Engine
WIDE	Widely Integrated Distributed Environment
UDP	User Datagram Protocol
TCP	Transmission Control Protocol
ICMP	Internet Control Message Protocol
ARP	Address Resolution Protocol
IP	Internet Protocol