

ISO/IEC 7064:2003-02 (E)

Information technology - Security techniques - Check character systems

Contents

Page

1	Scope 1 2 Terms and definitions 1 3 Symbols and notation 2 4 Types of systems 2 4.1 Pure systems	2
4.2	Hybrid systems	2
5	Compliance and designation 2 5.1 Strings	2
5.2	Check character generating products	2
5.3	Checking products	2
5.4	System designation	2
6	Specification of pure systems 3 6.1 Formula	3
6.2	Calculation	4
6.3	Check character position	4
7	Computational methods for pure systems with one check character 4 7.1 Pure system recursive method	4
7.1.1	Computation	4
7.1.2	Example	5
7.2	Pure system polynomial method	5
7.2.1	Computation	5
7.2.2	Example	5
8	Computational methods for pure systems with two check characters 6 8.1 Computation ...	6
8.2	Example using recursive method	6
8.3	Example using polynomial method	7
9	Specification for hybrid systems 7 9.1 Formula	7
9.2	Check character position	8
10	Computational method for hybrid systems 8 10.1 Hybrid system recursive method	8
10.1.1	Computation	8
10.1.2	Example	8
	Annex A (informative) Criteria for the selection of check character systems for applications	10
	Annex B (informative) Check character systems for other alphabets	12
	Bibliography	13