



The Design of Rijndael : AES - The Advanced Encryption Standard /

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Monografía

In October 2000, the US National Institute of Standards and Technology selected the block cipher Rijndael as the Advanced Encryption Standard (AES). AES is expected to gradually replace the present Data Encryption Standard (DES) as the most widely applied data encryption technology. This book by the designers of the block cipher presents Rijndael from scratch. The underlying mathematics and the wide trail strategy as the basic design idea are explained in detail and the basics of differential and linear cryptanalysis are reworked. Subsequent chapters review all known attacks against the Rijndael structure and deal with implementation and optimization issues. Finally, other ciphers related to Rijndael are presented. This volume is THE authoritative guide to the Rijndael algorithm and AES. Professionals, researchers, and students active or interested in data encryption will find it a valuable source of information and reference

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Contenido: 1. The Advanced Encryption Standard Process -- 2. Preliminaries -- 3. Specification of Rijndael -- 4. Implementation Aspects -- 5. Design Philosophy -- 6. The Data Encryption Standard -- 7. Correlation Matrices -- 8. Difference Propagation -- 9. The Wide Trail Strategy -- 10. Cryptanalysis -- 11. Related Block Ciphers -- Appendices -- A. Propagation Analysis in Galois Fields -- A.1.1 Difference Propagation -- A.1.2 Correlation -- A.1.4 Functions that are Linear over GF(2) -- A.2.1 Difference Propagation -- A.2.2 Correlation -- A.2.4 Functions that are Linear over GF(2) -- A.3.3 Dual Bases -- A.4.2 Relationship Between Trace Patterns and Selection Patterns -- A.4.4 Illustration -- A.5 Rijndael-GF -- B. Trail Clustering -- B.1 Transformations with Maximum Branch Number -- B.2 Bounds for Two Rounds -- B.2.1 Difference Propagation -- B.2.2 Correlation -- B.3 Bounds for Four Rounds -- B.4 Two Case Studies -- B.4.1 Differential Trails -- B.4.2 Linear Trails -- C. Substitution Tables -- C.1 SRD -- C.2 Other Tables -- C.2.1 xtime -- C.2.2 Round Constants -- D. Test Vectors -- D.1 KeyExpansion -- D.2 Rijndael(128,128) -- D.3 Other Block Lengths and Key Lengths -- E. Reference Code

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