

Landmark Journal Articles Related to Cryptology Library-Posted (Course Reserves) OR Available on the Internet

© 2004 Charles Abzug

- ADAMS, C. (1997). "Constructing Symmetric Ciphers Using the CAST Design." *Designs, Codes, and Cryptography*, **12** (3): 283-316. [1]
- AKL, S. (1983). "Digital Signatures: A Tutorial Survey." *Computer*, **16** (2): 15-24 (February 1983). [2]
- BELLOVIN, S.; & MERRITT, M. (1990). "Limitations of the Kerberos Authentication System." *Computer Communications Review*, **20** (5): 119-132 (October 1990). [3]
- BENNETT, C.H.; BRASSARD, C.; & EKERT, A. (1992). "Quantum Cryptography." *Scientific American*, **269**: 26-33 (October 1992).
- BLUM, L; BLUM, M.; & SHUB, M. (1986). "A Simple Unpredictable Random Number Generator." *SIAM Journal on Computing*, Number 2, 1986. [4]
- BRIGHT, HERBERT S.; & ENISON, RICHARD L. (1979). "Quasi-Random Number Sequences from A Long-Period TLP Generator with Remarks on Application to Cryptography." *Computing Surveys*, **11** (4), 357-370 (December 1979). [5]
- CHAUM, DAVID (1985). "Security Without Identification: Card Computers to Make Big Brother Obsolete." *Communications of the ACM*, **28** (10), 1030-1044 (October 1985). URL: http://www.chaum.com/articles/Security_Without_Identification.htm [6]
- CHAUM, DAVID (1989). "Online Cash Checks." *Advances in Cryptology EUROCRYPT '89* (J.J. Quisquater & J. Vandewalle, eds), Springer-Verlag, pp. 288-293. URL: http://www.chaum.com/articles/Online_Cash_Checks.htm [6]
- CHAUM, DAVID (1992). "Achieving Electronic Privacy." *Scientific American*, , pp. 96-101 (August 1992). URL: http://www.chaum.com/articles/Achieving_Electronic_Privacy.htm [6]

Landmark Journal Articles Related to Cryptology EITHER Library-Posted OR Available on the Internet

- CHAUM, DAVID. (1993). "Prepaid Smart Card Techniques. A Brief Introduction and Comparison." URL: http://www.chaum.com/articles/Prepaid_Smart_Card_Techniques.htm [6]
- COCKS, CLIFFORD C. (1973). "A Note on Non-Secret Encryption." *CESG Report*, November 1973. URL: <http://www.cesg.gov.uk/publications/media/nsecret/notense.pdf> [7]
- COCKS, CLIFFORD C. (19??). "Split Knowledge Generation of RSA Parameters." *CESG Report*. URL: <http://www.cesg.gov.uk/publications/media/math/rsa.pdf> [7]
- COCKS, CLIFFORD C. (19??). "Split Generation of RSA Parameters with Multiple Participants." *CESG Report*. URL: <http://www.cesg.gov.uk/publications/media/math/rsa2.pdf> [7]
- DIFFIE, WHITFIELD (1988). "The First Ten Years of Public-Key Cryptography." *Proceedings of the IEEE*, May 1988.
- DIFFIE, W; & HELLMAN, M (1976). "New Directions in Cryptography." *IEEE Transactions on Information Theory*, vol. IT-22,(November 1976), PP. 644-654. [9]
- ELGAMAL, TAHER (1985). "A Public-Key Cryptosystem and a Signature Scheme Based on Discrete Logarithms." *IEEE Transactions on Information Theory*, July 1985.
- ELLIS, J. H. (1970). "The Possibility of Secure Non-Secret Digital Encryption." *CESG Report*. URL: <http://www.cesg.gov.uk/publications/media/nsecret/possnse.pdf> [7]
- ELLIS, J. H. (1987). "The History of Non-Secret Encryption." *CESG Report*. URL: <http://www.cesg.gov.uk/publications/media/nsecret/ellis.pdf> [7]
- FEISTEL, H/ (1973). "Cryptography and Computer Privacy." *Scientific American*, **228** (5): 15-23 (May 1973). [11]
- GREEN, B.F.; SMITH, J.E.K.; & KLEM, L. (1959). "Empirical Tests of an Additive Random Number Generator." *J. ACM*, 6 (4): 527-537. Available on the Internet: <http://portal.acm.org/dl.cfm> ; click on "Journals" and follow the appropriate links. [19]
- KOHNFELDER, LOREN M. (1978). "Towards a Practical Public-Key Cryptosystem." Bachelor's Thesis, MIT. [18]
- LEWIS, T.G.; & PAYNE, W.H. (1973). "Generalized Feedback Shift Register Pseudorandom Number Algorithm." *J. ACM*, **20**: 456-468. (July 1973). Available on the Internet: <http://portal.acm.org/dl.cfm> ; click on "Journals" and follow the appropriate links. [20]

Landmark Journal Articles Related to Cryptology EITHER Library-Posted OR Available on the Internet

PARK, S.; & MILLER, K. (1988). "Random Number Generators: Good Ones Are Hard to Find." *Communications of the ACM*, October 1988. Available on the Internet: <http://portal.acm.org/dl.cfm> ; click on "Journals" and follow the appropriate links. [21v]

WILLIAMSON, M. J. (1974). "Non-Secret Encryption Using a Finite Field." *CESG Report*, January 1974. URL: <http://www.cesg.gov.uk/publications/media/nsecret/secenc.pdf> [7]