

Past to Present Cryptographic Systems Used for Commercial and Personal Purposes

Sean Connolly
The Evergreen State College
Methods of Applied Mathematics
professorpi@hotmail.com

May 21, 2005

Abstract

Introduction

DES

Public Key Cryptography

Electronic Signatures

Conclusion

Bibliography

- [1] Steven Levy, *Crypto* Viking Penguin, New York, 1984.
- [2] Alfred J. Menezes, Paul C van Oorshot, and Scott A. Vanstone, *Handbook of Applied Cryptography* CRC Press, New York, 1997.
- [3] Cary Meltzer and Doris Baker, *Cryptography Decrypted* Addison-Wesley, New York, Second Printing 2001.
- [4] Gustavus J. Simmons, *Contemporary Cryptology, The Science of Information Integrity* IEEE Press, New York, 1992.
- [5] The Institute for Math and Science Education of the University of Illinois at Chicago, *Cryptography, The Mathematics of Secret Codes* <http://cryptoclub.math.uic.edu/about/aboutbook.htm>, 2004.
- [6] Greg Sterijevski, *The Data Encryption Standard* <http://raphael.math.uic.edu/~jeremy/crypt/contrib/stj.html>, Retrieved 2005.
- [7] Arnoud Engelfriet, *The DES encryption algorithm* <http://www.iusmentis.com/technology/encryption/des/>, 2003.
- [8] Arnoud Engelfriet, *The DES encryption algorithm* <http://www.itl.nist.gov/fipspubs/fip46-2.htm>, 2003.
- [9] some guy, *public* don't know yet, 2003.
- [10] Dave Rudolf, *Optimized Differential Cryptanalysis of the Data Encryption Standard* University of Saskatchewan, <http://davrud.sasktelwebsite.net/programming/des/>, 2001.