

recent advances on elliptic pdf

Elliptic-curve cryptography (ECC) is an approach to public-key cryptography based on the algebraic structure of elliptic curves over finite fields. ECC requires smaller keys compared to non-EC cryptography (based on plain Galois fields) to provide equivalent security.. Elliptic curves are applicable for key agreement, digital signatures, pseudo-random generators and other tasks.

Elliptic-curve cryptography - Wikipedia

In cryptography, the Elliptic Curve Digital Signature Algorithm (ECDSA) offers a variant of the Digital Signature Algorithm (DSA) which uses elliptic curve cryptography

Elliptic Curve Digital Signature Algorithm - Wikipedia

Genus 2 curves with several points contained in an arithmetic progression (Slides of a talk at Arithmetic Geometry, Number Theory, and Computation, MIT, 2018-08-24) pdf: Simultaneous torsion in the Legendre family of elliptic curves

Papers, Preprints and Lecture Notes by Michael Stoll

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Applied Mathematics and Computation - Journal - Elsevier

arXiv:1802.05323v1 [cs.CR] 14 Feb 2018 1 A Security Credential Management System for V2X Communications Benedikt Brecht, Dean Therriault, Andre Weimerskirch, William Whyte, Virendra Kumar, Thorsten Hehn, Roy Goudy
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A Security Credential Management System for V2X Communications

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Title Authors Published Abstract Publication Details; Easy Email Encryption with Easy Key Management John S. Koh, Steven M. Bellovin, Jason Nieh

Technical Reports | Department of Computer Science

This is the homepage of Thierry Roncalli. La convergence de la gestion traditionnelle et de la gestion alternative, d'une part, l'Émergence de la gestion quantitative, d'autre part, reflètent la profonde mutation de la gestion d'actifs.

Thierry Roncalli's Home Page

The new Snowden revelations are explosive. Basically, the NSA is able to decrypt most of the Internet. They're doing it primarily by cheating, not by mathematics. It's joint reporting between the Guardian, the New York Times, and ProPublica. I have been working with Glenn Greenwald on the Snowden ...

The NSA Is Breaking Most Encryption on the Internet

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A Tale of One Software Bypass of Windows 8 Secure Boot. Windows 8 Secure Boot based on UEFI 2.3.1 Secure Boot is an important step towards securing platforms from malware compromising boot sequence before the OS.

Black Hat USA 2013 | Briefings

List of the new elected members to the European Academy of Sciences

Eurasc - New Members - www.eurasc.org

Cryptology ePrint Archive: Search Results 2019/023 (PDF) Biased Nonce Sense: Lattice Attacks against Weak ECDSA Signatures in Cryptocurrencies

Cryptology ePrint Archive: Search Results

Detailed information on a low-cost design for a microbarograph that can detect and monitor infrasound (sound under 20 Hz). This design makes infrasound detection available for schools, businesses and amateurs.

INFILTEC: The Inexpensive Infrasound Monitor Project

Vol.7, No.3, May, 2004. Mathematical and Natural Sciences. Study on Bilinear Scheme and Application to Three-dimensional Convective Equation (Itaru Hataue and Yosuke Matsuda)

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