

## Novel Data Encryption Algorithm Ijcsi

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### Novel Data Encryption Algorithm Ijcsi

Keywords: Novel Data Encryption Algorithm (NDEA), Data Encryption Standard (DES), International Data Encryption Algorithm (IDEA), Fiestel Structure . 1. Introduction IDEA is an iterated block cipher algorithm based on the Fiestel network. It was designed by . Xuejia Lai

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Novel Data Encryption Algorithm.pdf. Novel Data Encry ption Algorithm . Rajat Goel 1, ... IJCSI International Journal of Computer Science Issues, Vol. 8, Issue 4, No 2, July 2011 .

### (PDF) Novel Data Encryption Algorithm - ResearchGate

Novel Data Encryption Algorithm - ijcsi.org A Novel Data Encryption Technique by Genetic Crossover of Robust Finger Print Based Key and Handwritten Signature Key Tanmay Bhattacharya<sup>1</sup>, Sirshendu Hore <sup>2</sup> and S. R. Bhadra Chaudhuri <sup>3</sup>. 1. Assistant Prof, Dept. of IT, JIS College Engineering, Kalyani, West Bengal, India.

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encryption (ECC), as well as the international data encryption algorithm (IDEA), may not be suitable for image encryption, especially for real-time applications[1]. In recent years, a number of encryption algorithms have been proposed to protect images. These encryption algorithms can be classified into several

### A Novel Image Encryption using an Integration ... - IJCSI

A Novel Data Encryption Technique by Genetic Crossover of Robust Finger Print Based Key and Handwritten Signature Key Tanmay Bhattacharya<sup>1</sup>, Sirshendu Hore <sup>2</sup> and S. R. Bhadra Chaudhuri <sup>3</sup>. 1. Assistant Prof, Dept. of IT, JIS College Engineering, Kalyani, West Bengal, India.

### A Novel Data Encryption Technique by Genetic ... - IJCSI

Manly block and stream ciphers are available and one of them is International Data Encryption Algorithm (IDEA), which was regarded arguably as one of the best for encryption purposes. A considerable time has elapsed since its advent and this period has witnessed a wide development in process approaches and applications. The number of transactions and exchanges of data has increased exponentially. Consequently, better and novel attacks on data evolved.

### CiteSeerX — Novel Data Encryption Algorithm

### International Journal of Computer Science Issues - IJCSI

A Novel Data Encryption T echnique by Genetic C rossover of Robust Finger Print Ba sed Key and Handwritten Signature Key Tanmay Bhattach arya <sup>1</sup> , Sirshendu Hore <sup>2</sup> a nd S. R. Bhad ra Chaudhuri <sup>3</sup>

### (PDF) A Novel Data Encryption Technique by Genetic ...

Abstract. We always strive to get better algorithms for securing data. A variety of such algorithms are being used in cryptography. Manly block and stream ciphers are available and one of them is International Data Encryption Algorithm (IDEA), which was regarded arguably as one of the best for encryption purposes.

### Novel Data Encryption Algorithm - CORE

Topics: Novel Data Encryption Algorithm (NDEA), Data Encryption Standard (DES), International Data Encryption Algorithm (IDEA), Fiestel Structure, IJCSI, LCC:Electronic computers.

### Novel Data Encryption Algorithm - CORE

We propose a novel chaos-based parallel batch-image encryption algorithm which enables a higher rate of usage of processors. The core contributions are summarized in the following. We propose a parallel scheme by scheduling multiple threads for speeding up encrypting a batch of images, which reduces the time of encryption largely.

### A novel batch image encryption algorithm using parallel ...

Novel Fast Encryption Algorithms for Multimedia Transmission over Mobile WIMAX Networks. ... data units (MP DUs) for ... IJCSI International Journal of Computer Science Issues, Vol. 9, Issue 6, No ...

### (PDF) Novel Fast Encryption Algorithms for Multimedia ...

A New Novel Hybrid Security Algorithm (NHSA) for Rivest-Shamir-Adleman (RSA) cryptosystem was proposed in this paper, which is based on Encryption algorithm using Dual Modulus and Enhanced method for RSA (ERSA) cryptosystem. Here, the computation of public keys and private keys depends on modulus values, each computed using three different prime integers.

### A Novel Hybrid Security Algorithm

This paper proposes a reversible data hiding scheme by exploiting the DGHV fully homomorphic encryption, and analyzes the feasibility of the scheme for data hiding from the perspective of information entropy. In the proposed algorithm, additional data can be embedded directly into a DGHV fully homomorphic encrypted image without any preprocessing.

### Reversible Data Hiding Algorithm in Fully Homomorphic ...

Algorithm, Encryption Decryption Algorithm. I. INTRODUCTION To secure the digital data, many cryptographic algorithms have been structured and developed. Whenever a word security comes, it involves three words: authentication, integrity and confidentiality. Confidentiality means to ensure that information will be transmitted or stored

### A Novel Approach to Design Confidentiality Encryption ...

AES stands for Advanced Encryption Standard. It is basically encryption decryption algorithm for data. Encryption converts raw input data into encrypted data. Decryption does the reverse. AES supports keys of length 128, 192 and 256 bits. This cryptographic key is used to encrypt and decrypt data which is in blocks of 128 bits in length.

### AES Basics | AES MATLAB code | MATLAB source code download

The secure storage of the sensitive data in mobile devices is an urgent issue. Most of the existed encryption algorithms are location independent,

which means the encrypted data can be decrypted anywhere. In this work, we propose a novel location-based encryption model using a fuzzy vault scheme. First, we may choose a proper encryption algorithm, a symmetric algorithm or an asymmetric ...

**A novel location-based encryption model using fuzzy vault ...**

Varieties of encryption algorithms have been proposed in the past to maintain the data confidentiality. However, most of the traditional text based encryption algorithms such as AES and IDEA are not suitable for image encryption. This paper proposes a method for image encryption, where

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