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	Paper Title:	Corporate Social Responsibility and Stock Market Performance: An Event Study Approach	
1.	<p>Abstract: This paper examines the relationship between Corporate Social Responsibility and stock market performance. To examine this relationship the “event-study” methodology is utilised to examine five events, two from the oil industry (BP and Exxon oil spills) and three from the banking industry (HSBC – money laundering; Barclays and Royal Bank of Scotland – Libor scandal). Results suggest that, apart from the HSBC money laundering event, all other events appear to have a significant effect on stock market performance as the shares of the firms involved tend to exhibit significant negative average abnormal returns during the period which followed the event. We also find some differences regarding the time-frame of the effect, since for some events it took more time to get into “full swing” and lasted longer.</p> <p>Keywords: Event-study; Corporate Social Responsibility; Stock market performance.</p> <p>References:</p> <ol style="list-style-type: none"> 1. 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2.	Authors:	Ramazan ŞENER	
	Paper Title:	Design and Thermal Analysis of Free Piston Linear Generator using In Range Extended Electric Vehicles	
	<p>Abstract: Today, battery electric vehicles (BEV) have zero emission (tank to wheel) and very high efficiency. However, the most important obstacle of BEV is insufficient range. This disadvantage can be eliminated in term of range extender systems. Range extender system like generator can charge battery when required. Free Piston Linear</p>		9-13

Generator (FPLG), Wankel engine, Piston Internal Combustion Engine, Gas Turbine Engine and Fuel Cell Engine can be used as range extender unit. In this study, opposed-piston free-piston linear generator which can be used in low weight electric vehicles, which has spark ignition, 153 cm³ volume, and gasoline direct fuel injection was designed via SOLIDWORKS® software. Thermal analysis of the engine was performed by means of ANSYS® software using temperature in the literature. Finally, the engine design is determined to suit thermal operating conditions. It is find out that this system can be used as a range extender unit.

Keywords: Finite Element Method, Thermal Analysis, Free Piston Linear Generator, Computer Aided Design.

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Authors:	N. Maksimov, A. Panas
Paper Title:	Modified Ultra-Wideband Microwave Chaotic Colpitts Oscillator with a Simplified Structure: Implementation, Experiments

Abstract: Modified Colpitts oscillator with SiGe bipolar transistor as an active element was introduced, implemented and experimentally studied. It enables generation of ultra-wideband chaotic oscillations in the microwave range. Compared to its classical analogue, the oscillator has an extremely simple structure comprising only one single external reactive element (an inductor). The transistor p-n junction capacitance performs the function of oscillator external capacitors. Stable generation of chaotic oscillations in the range of 1 to 8.5 GHz (at 10 dB level) with highest ever efficiency values (7%) for a given class of oscillators has been obtained.

Keywords: Chaotic Colpitts oscillator, ultra wideband chaotic oscillations, microwave band, power spectra, power efficiency, implementation, bipolar SiGe transistor

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4.	Authors:	John Kiplagat Biwott, Wanyona Githae, Charles Kabubo	18-23
	Paper Title:	Challenges Facing Construction of Affordable Decent Low Cost Housing in Turkana County	
	<p>Abstract: Housing problems in developed countries are characterized by overcrowding, dilapidated structures and shared bathrooms. On the other hand, developing countries like Kenya, the problem is largely complicated by lack of serviced land, lack of access to housing finances, rigid legal framework and over dependence on non-local construction materials, techniques and technologies. Although there have been significant interventions in the effort to reverse this trend in Kenya, some counties especially in marginalized areas like Turkana County have continued to lag behind in provision of decent and affordable houses for its residents. In an effort to establish where the problem is, this study, seek to determine and describe challenges faced by different stakeholders and residents of Turkana County in their endeavor to put up decent low cost housing.</p> <p>Keywords: Affordable housing, decent housing and alternative building technologies and Turkana County</p> <p>References:</p> <ol style="list-style-type: none"> 1. Ayedun, C. A. & Oluwatobi, A. O. (2011). Issues and Challenges Militating against the Sustainability of Affordable Housing Provision in Nigeria. Business Management Dynamics Journal 1(4), pp 1-8. 2. Barrett, J. A. (1998). Sacrifice and Prophecy in Turkana Cosmology. Nairobi: Paulines Publications. 3. Buckley, R.M. & Mayo, S. (1988). Housing Policy in Developing Countries: Evaluating the Macroeconomic Impacts. Washington, DC: International Bank for Reconstruction and Development/World Bank. 4. Hassanali, F.M. (2009). Understanding Reduced Private- Sector Participation in Low Income Housing Delivery in Nairobi. 5. Kenya National Bureau of Statistics (KNBS). 2007. Basic Report: Kenya Integrated Household Budget Survey (KIHBS) – 2005/06. Nairobi: The Regal Press Kenya Ltd. 6. Kenya National Bureau of Statistics (KNBS). 2010. The 2009 Kenya Population and Housing Census. Nairobi: Government Printer. 7. Kenya National Bureau of Statistics (March 2012). Analytical Report on Housing Conditions, Amenities and Household Assets (Vol. 9). Nairobi: Government Printer. 8. Kothari, C.R. (2004). Research Methodology: Methods and Techniques. (2nd edition). New Delhi: New Age International Publishers. 9. Krejcie R.V. & Morgan D.W. (1970). Determining Sample Size for Research Activities. Educational and Psychological Measurement 30, pp. 607-610. 10. Macoloo, G. (1994). The Changing Nature of Financing Low Income Urban Housing Development in Kenya. Housing Studies (Volume 9, Issue 2), pp 189-281. 11. Ministry of Housing (2004). Sessional Paper No. 3 of 2004: National Housing Policy for Kenya. Nairobi: Government Printers. 12. Nabutola, W. (2004). Affordable Housing in Kenya: A Case Study of Policy on Informal Settlements, Land Administration and Housing Issues in Informal Environments. 3rd FIG Regional Conference, Jakarta, Indonesia. 13. Otiso, K.M. (2003). State, Voluntary and Private Sector Partnerships for Slum Upgrading and Basic Service Delivery in Nairobi City. Kenya Cities, 20(4), pp 221-229. 14. Republic of Kenya (2010). The Constitution of Kenya. Nairobi: Government Printer. 15. Schussheim, M. J. (2004). Housing Low-Income Families: Problems, Programs Prospects. Journal of Housing and Community Development Washington; 56(5). 16. Shitemi, K. (2014, May 9). Exploring Equalization Fund under Devolution. Retrieved from http://www.shitemi.com/devolution/exploring-equalization-fund-under-devolution/ 17. Wilcox, S. & Fitzpatrick, S. (2010). The Impact of Devolution Housing and Homelessness. London: Joseph Rowntree Foundation. 		

5.	Authors:	Seyed Amin Ahmadi Olounabadi, Avula.Damodaram, V Kamakshi Prasad, Mahdi Hosseini	24-36
	Paper Title:	Impact of Multi-Path Security in Wireless Ad Hoc Networks in Indoor Environments by using AOMDV Methods	
	<p>Abstract: Ad hoc Network is a decentralized type of wireless network and also is a local area network (LAN) that is built spontaneously as devices connect. , Instead of relying on a base station to coordinate the flow of messages to each node in the network, the individual network nodes forward packets to and from each other. Basically, an ad hoc network is a temporary network connection created for a specific purpose (such as transferring data from one computer to another). Multipath routing is the routing technique of using multiple alternative paths through a network, which can yield a variety of benefits such as fault tolerance, increased bandwidth, or improved security. Ad-hoc On-demand Multipath Distance Vector Routing (AOMDV) protocol is an extension to the AODV protocol for computing multiple loop-free and link disjoint paths and also increases the reliability through transmitting the messages in multiple paths with minimal redundancy, which used in present work. Simulations were conducted using the NS2 network simulator. In order to simulate most of the proposed Byzantine attacks in NS2, a protocol independent Byzantine attack simulation module was developed. This module provides the capability to simulate the black hole, Byzantine wormhole, and Byzantine overlay network wormhole attacks without modifying the routing protocol. We are considering our communication path is changeable even path or node is node failed. So data is sending through different paths, it provide high security than single path.</p> <p>Keywords: wireless network, Ad hoc, AOMDV, Byzantine attacks</p> <p>References:</p> <ol style="list-style-type: none"> 1. Reza Curtmola Cristina Nita-Rotaru, "BSMR: Byzantine- Resilient Secure Multicast Routing in Multi-hop Wireless Networks", IEEE 		

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6.	<p>Authors: Immandi Solomon Raju, I Prudhvi Kumar Raju, D Krishna Chaitanya</p> <p>Paper Title: Performance Analysis of a Grid Current Compensator using Fuzzy Logic Controller</p>	
	<p>Abstract: This paper introduces an advanced current control strategy for distributed generation into the utility grid despite the distorted grid voltage and RC loads. The proposed current controller is designed in synchronous reference frame and composed of a fuzzy logic controller. The fuzzy logic controller greatly simplifies the control strategy. It does not require the local load current measurement and harmonic analysis of the grid voltage. Therefore, the proposed control method can be easily adopted into the traditional DG control system without installation of external hardware. The operation principle of the proposed control method is analyzed in detail, and its effectiveness is validated through simulated results.</p> <p>Keywords: Distributed Generation (DG), RC load, Fuzzy Logic Controller (FLC), PI Controller, PI-RC Controller</p> <p>References:</p> <ol style="list-style-type: none"> 1. Quoc-Nam Trinh and Hong-HeeLee,"An enhanced grid current compensator for Grid-connected Distributed Generation underNonlinear loads and Grid voltage distortions", IEEE Trans. Ind. Electron., vol. 61, no. 12, pp. 6528– 6536, December,2014. 2. Q. Zeng and L. Chang, "An advanced SVPWM-based predictive current controller for three-phase C. A. Busada, S. Gomez Jorge, A. E. Leon, and J. A. 3. Solsona, "Current controller based on reduced order generalized integrators for distributed generation systems,"IEEE Trans. Ind. Electron., vol. 59, no. 7, pp. 2898– 2909, Jul. 2012. 4. M. Liserre, R. Teodorescu, and F. Blaabjerg, "Multiple harmonics control for three-phase grid converter systems with the use of PI-RES current controller in a rotating frame," IEEE Trans. Power Electron., vol. 21, no. 3, pp. 836–841, May 2006. 5. M. Castilla, J. Miret, A. Camacho, J. Matas, and L. G. de Vicuna, "Reduction of current harmonic distortion in three-phase grid-connected photo- voltaic inverters via resonant current control," IEEE Trans. Ind. Electron., vol. 60, no. 4, pp. 1464–1472, Apr. 2013. 6. R.-J. Wai, C.-Y. Lin, Y.-C. Huang, and Y.-R. Chang, "Design of high- performance stand-alone and grid-connected inverter for distributed generation applications,"IEEE Trans. Ind. Electron., vol. 60, no. 4, pp. 1542–1555, Apr. 2013. 7. J. Balaguer, Q. Lei, S. Yang, U. Supatti, and F. Z. Peng, "Control for grid-connected and intentional islanding operations of distributed power generation," IEEE Trans.Ind. Electron., vol. 58, no. 1, pp. 147–157, Jan. 2011. 8. R. C. Dugan and T. E. McDermott, "Distributed generation," IEEE Ind. Appl. Mag., vol. 8, no. 2, pp. 19–25, Mar./Apr. 2002. 9. F. Blaabjerg, R. Teodorescu, M. Liserre, and A. V. Timbus, "Overview of control and grid synchronization for distributed power generation systems," IEEE Trans. Ind.Electron., vol. 53, no. 5, pp. 1398–1409, Oct. 2006. 10. Z. Yao and L. Xiao, "Control of single-phase grid-connected inverters with nonlinear loads," IEEE Trans.Ind. Electron., vol. 60, no. 4, pp. 1384– 1389, Apr. 2013. 11. Z. Liu, J. Liu, and Y. Zhao, "A unified control strategy for three-phase inverter in distributed generation,"IEEE Trans. Power Electron., vol. 29, no. 3, pp. 1176– 1191, Mar. 2014. 12. IEEE Application Guide for IEEE Std 1547, IEEE Standard for Interconnecting Distributed Resources with Electric Power Systems, IEEE Std. 1547.2-2008, 2008. 13. Q.-N. Trinh and H.-H. Lee, "Improvement of current performance for grid connected converter under distorted grid condition," in Proc. IET Conf. RPG, Sep. 6–8, 2011, pp. 1–6 	37-42
7.	<p>Authors: M. Bhanu Divya Bharathi, P. Krishna Chaitanya, K. Sandhya Rani</p> <p>Paper Title: Power Quality Improvement of DFIG using FLC Based Variable Wind Turbines by IPC Method</p> <p>Abstract: Because of the wind speed variation, breeze shear along with tower shadow effects, grid connected wind generators are the options for power fluctuations which could produce sparkle during constant operation. This paper presents a type of an MW-level varying speed windmill with a new doubly feasted induction generator to analyze the Flicker emission along with mitigation difficulties. Fuzzy logic controller (FLC) was designed to obtain maximum power extraction at low wind speeds to limit power extraction at 1.5MW nominal power set point. The Fuzzy logic based IPC (Individual Pitch Control) scheme is proposed along with the individual message controller is made using generator active power along the wind turbine. A 1.5MW horizontal axis breeze turbine model was designed for tuning as well as simulation performance is studied and the results show the damping of this generator active power by IPC is an efficient means for flicker minimization of varying speed wind generators during constant operation.</p> <p>Keywords: Flicker mitigation, IPC, variable speed wind turbine, DFIG, FLC.</p> <p>References:</p> <ol style="list-style-type: none"> 1. T. Sun, "Power Quality of grid-connected wind turbines with DFIG and their interaction with the grid," Ph.D. dissertation, Aalborg Univ., Aalborg, Denmark, 2004. 2. L. Rossetto, P. Tenti, and A. Zuccato, "Electromagnetic compatibility issues in industrial equipment," IEEE Ind. Appl. Mag., vol. 5, no. 6, pp. 34–46, Nov./Dec. 1999. 3. A° .Larsson, "Flicker emission of wind turbines during continuous operation," IEEE Trans. Energy Convers., vol. 17, no. 1, pp. 114–118, Mar. 2002. 4. H. Sharma, S. Islam, T. Pryor, and C. V. Nayar, "Power quality issues in a wind turbine driven induction generator and diesel hybrid autonomous grid," J. Elect. Electron.Eng., vol. 21, no. 1, pp. 19–25, 2001. 5. M. P. Papadopoulos, S. A. Papathanassiou, S. T. Tetzlerakis, and N. G. Boulaxis, "Investigation of the flicker emission by grid connected wind turbines," in Proc. 8th Int. Conf. Harmonics Quality Power, Athens, Greece, 1998, vol. 2, pp. 1152–1157. 6. T. Sun, Z. Chen, and F. Blaabjerg, "Flicker study on variable speed wind turbines with doubly fed induction generators," IEEE Trans. Energy 	43-49

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Authors:	Begard Salih Hassen
Paper Title:	The Powerful Activity of DSDV Algorithm in WSN System

Abstract: Lately, technological developments in the strategy of processors, memory and radio communications have pushed an attention in the field of sensor network. Networks of those devices are denoted as Wireless Sensor Networks (WSNs). WSNs make possible information accumulation and investigation on an unmatched scale. Indeed, they have concerned care and get wide range of application in diverse areas. The Choice of the protocols and routing are the greatest common schemes that are to be dedicated when manipulative every type of wireless networks likes WSNs. In this paper, performance investigation of "Destination Sequenced Distance Vector DSDV" protocol is done. All the cases for working the protocol are discussed and the time for transmission the information is calculated within multi cases. The results show that this protocol is more strong and robust against the worst cases of losing the nodes or link failure within the network with minimum time for transfer the information through the WSN.

Keywords: WSN, DSDV, transmission time, sending and receiving node.

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Authors:	Vandana Vinayak, Sonika Jindal
Paper Title:	A Review on various Image Compression Methods in Content Based Image Retrieval

Abstract: This paper provides an overview about the various compression techniques available in the research area of Image retrieval, especially Content-Based Image Retrieval (CBIR), an evocative and authentic research area for the last decades. CBIR is used for the retrieval of the images based on the content of the images generally known as features. These features may be low level features i.e. color, shape, texture and spatial relationship or the high level features that use the concept of human brain. Now a days, the development and demand of multimedia product grows increasingly fast, contributing to insufficient storage of memory device. Therefore, the theory of data compression

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becomes more and more significant for reducing the data redundancy to save more hardware space. Compression is the process of reducing the amount of data required to represent the quality of information. Compression is also useful as it helps to reduce the consumption of expensive resources such as hard disk space.

Keywords: Especially Content-Based Image Retrieval (CBIR), Therefore, increasingly fast, provides.

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Authors:	Paul Thomas, R.S. Moni
Paper Title:	ANN based Multilevel Classification Technique with Optimum Measurement Period for Accurate Diagnosis using Biomedical Signals

Abstract: Biomedical signals are representations of the mechanical and electrical activities within the human body. These signals contain a lot of information on the state of health of a person and their analysis have a significant role in the diagnosis of various health disorders and medical abnormalities, such as activation levels and the biomechanics of the muscles and other human organs. Of the many Biomedical signals, focus of this work is on Electro-cardiogram (ECG) and Electro-myogram (EMG). ECG provides information on the rhythm and functioning of the heart. EMG is the recording of human muscular activity. ECG signals used in this work are taken from the standard MIT-BIH, and CU data bases of PhysioNet database and EMG signals are taken from the EMGLab and PhysioNet database. Automated analysis of Biomedical signals can largely assist the physicians in their diagnostic process. The extracted spectral and temporal features represent the diverse characteristics of a Biomedical signal. In this work, more emphasis is given to spectral features since a lot of critical information on the health of a person are hidden in the spectral content of the signal. A subset from a larger set of available features is experimentally selected for optimum performance. The feature vector has a size of 11 for ECG signal analysis and a size of 9 for EMG signal analysis. Accuracy of detecting a health disorder depends on the quality of the features extracted from a Biomedical signal. A few techniques are proposed to achieve improved quality for the features. Also a method is developed to arrive at the optimum length of the Biomedical signal to be used for analysis. Accordingly, the length of the ECG signal used in this work is 10 s and the length of the EMG signal is 11 s. It is observed that the variance of the features is minimum when the signal for analysis is taken from the mid portion of the whole Biomedical signal. To make the value of a feature close to its true value, each feature value is taken as the average of the values of the feature extracted from 20 consecutive signal segments. A technique is also proposed to reduce the effect of wild points in the computation of spectral parameters. It is observed that classification accuracy also depends on the sampling rate of the Biomedical signal. The sampling rate of ECG signal in this work is 128 Hz and that of EMG signal is 750 Hz. Classifying a Biomedical signal is the process of attaching the signal to a disease state or healthy state. The work proposes a Multi level classification approach for Biomedical signals. Each classifier is a cascade of two ANN classifiers, the first ANN has a linear transfer function and the second ANN has a sigmoid transfer function. First level classification is to the broad categories of the disorders. In the second level, these disorders are drilled down to more specific categories. This concept can be extended further to achieve finer classification of Biomedical signals. In this work the classification is demonstrated to two levels for ECG signals and one level for EMG signals. The performance of the proposed method is evaluated using the standard parameters of specificity, sensitivity and classification accuracy (CA). The performance is found to be better than the reported figures in the case of both ECG and EMG signals.

Keywords: ECG, EMG, FFT, DWT, Pattern recognition ANN, Feature extraction, Multilevel classification, Wavelet, PhysioNet database, CA, Atrial arrhythmias, Ventricular arrhythmias, NSR, MI, MUAP, Myopathy, ALS.

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11.	<table border="1"> <tr> <td>Authors:</td> <td>M. Brindha, K. Saranya, S. Rajesh</td> </tr> <tr> <td>Paper Title:</td> <td>Certain Investigation on Image Classification and Segmentation using Different Techniques</td> </tr> </table> <p>Abstract: A brain cancer is a tissue that structured by an addition of anomalous cells and important to detect and classify brain tumors from MRI (Magnetic Resonance Imaging) for treatment. Brain tumor segmentation and classification is considered to be more important tasks in medical imaging. MRI is used for the study of the human brain. A fully automated method plays an important role in the prediction of brain cancer. In this review paper, different classification and segmentation techniques are discussed.</p> <p>Keywords: Image Segmentation, Classification and Mining Techniques.</p> <p>References:</p> <ol style="list-style-type: none"> 1. Zeng, Hong, and Aiguo Song. "Optimizing Single-Trial EEG Classification by Stationary Matrix Logistic Regression in Brain-Computer Interface." (2015). 2. Al-Shaikhli, Saif Dawood Salman, Michael Ying Yang, and Bodo Rosenhahn. "Brain tumor classification using sparse coding and dictionary learning." Image Processing (ICIP), 2014 IEEE International Conference on. IEEE, 2014. 3. Pereira, Sérgio, et al. "Brain Tumor Segmentation using Convolutional Neural Networks in MRI Images." (2016). 4. Anitha, V., and S. Murugavalli. "Brain tumour classification using two-tier classifier with adaptive segmentation technique." IET Computer Vision 10.1 (2016): 9-17. 5. Nandpuru, Hari Babu, S. S. Salankar, and V. R. Bora. "MRI brain cancer classification using support vector machine." Electrical, Electronics and Computer Science (SCECS), 2014 IEEE Students' Conference on. IEEE, 2014. 6. Jui, Shang-Ling, et al. "Brain MR image tumor segmentation with 3-Dimensional intracranial structure deformation features." (2015). 7. Yang, Xiaofeng, and Baowei Fei. "A MR brain classification method based on multiscale and multiblock fuzzy C-means." Bioinformatics and Biomedical Engineering (ICBBE) 2011 5th International Conference on. IEEE, 2011. 8. Ibrahim, Walaa Hussein, Ahmed AbdelRhman Ahmed Osman, and Yusra Ibrahim Mohamed. "MRI brain image classification using neural networks." Computing, Electrical and Electronics Engineering (ICCEEE), 2013 International Conference on. IEEE, 2013. 9. Joshi, Dipali M., N. K. Rana, and V. M. Misra. "Classification of brain cancer using artificial neural network." Electronic Computer Technology (ICECT), 2010 International Conference on. IEEE, 2010. 10. Othman, Mohd Fauzi Bin, Noramalina Bt Abdullah, and Nurul Fazrena Bt Kamal. "MRI brain classification using support vector machine." Modeling, Simulation and Applied Optimization (ICMSAO), 2011 4th International Conference on. IEEE, 2011. 11. Boberek, Marzena, and Khalid Saeed. "Segmentation of MRI brain images for automatic detection and precise localization of tumor." Image Processing and Communications Challenges 3. Springer Berlin Heidelberg, 2011. 333-341. 12. Ji, Zexuan, et al. "Fuzzy local Gaussian mixture model for brain MR image segmentation." Information Technology in Biomedicine, IEEE Transactions on 16.3 (2012): 339-347. 13. Dawngliana, Malsawm, et al. "Automatic brain tumor segmentation in MRI: Hybridized multilevel thresholding and level set." Advanced Computing and Communication (ISACC), 2015 International Symposium on. IEEE, 2015. 	Authors:	M. Brindha, K. Saranya, S. Rajesh	Paper Title:	Certain Investigation on Image Classification and Segmentation using Different Techniques	71-73
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12.	<table border="1"> <tr> <td>Authors:</td> <td>Revathi Nath H A, Jeena R S</td> </tr> <tr> <td>Paper Title:</td> <td>An Efficient Algorithm for Reversible Data Hiding in Encrypted Images by RRBE</td> </tr> </table> <p>Abstract: Recently reversible data hiding in encrypted images is gaining importance as this technique of watermarking can reconstruct the original image after extracting the desired data hidden in the image. In all the previous works, room was reserved for data in the image and the image would be encrypted using a standard stream cipher. This work proposes a technique for reversible data hiding in encrypted images where the data to be hidden is encrypted using Advanced Encryption Standard (AES) that can improve the PSNR. Also the encrypted image holding data would be permuted and transmitted, that can increase the level of security. Experimental results show that this method can achieve a PSNR of more than 60db thereby increasing the embedding rate.</p> <p>Keywords: Advanced Encryption Standard, Block merging, Image permutation, Reserving Room before encryption</p> <p>References:</p> <ol style="list-style-type: none"> 1. W. Bender, D.Gruhl, N.Morimoto and A.Lu., Techniques For Data Hiding, IBM Systems Journal ,Vol.35,Pp 313-336,1996 2. C.W.Honsinger, P.W.Jones, M.Rabbani and J.C.Stoffel, Lossless Recovery Of An Original Image Containing Embedded Data, U S Patent, Ed, 2001 3. T.Kalker and F.M.Willems. "Capacity bounds and code construction for reversible datahiding," in proc.14th Int. Conf. Digital Signal Processing (DSP2002), 2002, pp. 71-76. 4. W. Zhang, B. Chen, and N. Yu, "Capacity-approaching codes for reversible data hiding," in Proc 13th Information Hiding (IH'2011).LNCS 6958, 2011, pp. 255-269, Springer - Verlag. 5. W. Zhang, B. Chen, and N. Yu, "Improving various reversible data hiding shemes via optimal codes for binary covers," IEEE Trans. Image Process., vol. 21, no. 6, pp. 2991-3003, Jun. 2012 6. J. Fridric h and M. Goljan, "Lossless data embedding for all image for-mats," in Proc. SPIE proc. Photonics West, Electronic Imaging, Security and Watermarking of Multimedia Contents, San Jose, CA, USA, Jan. 2002, vol. 4675, pp. 572-583 7. J. Tian, "Reversible data embedding using a difference expansion," IEEE Trans. Circuits Syst. Video Technol., vol. 13, no. 8, pp. 890-896, Aug. 2003 8. Z Ni, Y. Shi, N. Ansari, and S. Wei, "Reversible data hiding," IEEE Trans. Circuits Syst. Video Technol., vol. 16, no. 3, pp. 354-362, Mar. 2006 9. D.M. Thodi and J.J. Rodriguez, "Expansion embedding techniques for reversible watermarking," IEEE Trans. Image Process., vol. 16, no. 3, pp. 721-730, Mar. 2007. 10. X.L. Li, B. Yang, and T. Y. Zeng, "Efficient reversible watermarking based on adaptive prediction-error expansion and pixel selection," IEEE Trans. Image Process., vol. 20, no. 12, pp. 3524-3533, Dec. 2011. 11. P. Tsai, Y. C. Hu, and H. L. Yeh, "Reversible image hiding scheme using predictive coding and histogram shifting," Signal Process., vol. 89, pp. 1129-1143, 2009. 12. L. Luo et al., "Reversible image watermarking using interpolation technique," IEEE Trans. Inf. Forensics Security, vol. 5, no. 1, pp. 187-193, 	Authors:	Revathi Nath H A, Jeena R S	Paper Title:	An Efficient Algorithm for Reversible Data Hiding in Encrypted Images by RRBE	74-78
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Paper Title:	An Efficient Algorithm for Reversible Data Hiding in Encrypted Images by RRBE					

	<p>Mar. 2010.</p> <ol style="list-style-type: none"> 13. Sachnev, H. J. Kim, J. Nam, S. Suresh, and Y.-Q. Shi, "Reversible Watermarking algorithm using sorting and prediction," IEEE Trans. Circuits Syst. Video Technol., vol. 19, no. 7, pp. 989-999, Jul. 2009. 14. J. Menezes, P. C. van Oorschot, and S. A. Vanstone, Handbook of Applied Cryptography. Boca Raton, FL, USA: CRC, 1996 15. K. Hwang and D. Li, "Trusted cloud computing with secure resources and data coloring," IEEE Internet Comput., vol. 14, no. 5, pp. 14-22, Sep./Oct. 2010. 16. M. Johnson, P. Ishwar, V. M. Prabhakaran, D. Schonberg, and K. Ramachandran, "On compressing encrypted data," IEEE Trans. Signal Process., vol. 52, no. 10, pp.2992-3006, Oct. 2004. 17. W. Liu, W. Zeng, L. Dong, and Q. Yao, "Efficient compression of encrypted grayscale images," IEEE Trans. Image Process. vol. 19, no. 4, pp. 1097-1102, Apr. 2010. 18. X. Zhang, "Reversible data hiding in encrypted images," IEEE Signal Process. Lett., vol. 18, no. 4, pp. 255-258, Apr. 2011. 19. W. Hong, T. Chen, and H. Wu, "An improved reversible data hiding in encrypted images using side match," IEEE Signal Process. Lett., vol. 19, no. 4, pp. 199-202, Apr. 2012. 20. X. Zhang, "Separable reversible data hiding in encrypted image," IEEE Trans. Inf. Forensics Security, vol. 7, no. 2, pp. 826-832, Apr. 2012. 21. Kesen Ma, Weiming Zhang, Xianfeng Zhao, "Reversible data hiding in Encrypted images by reserving room before encryption" IEEE Transactions on information forensics and security, Vol.8, No.3, March 2013 22. Wien Honga, Tung-Shou Chen, Reversible Data Embedding For High Quality Images Using Interpolation And Reference Pixel Distribution Mechanism., Elsevier Journal For Visual Image R.22(2011) 131-140. 23. Diljith.N.Thodi And Jeffrey.J.Rodriguez, Expansion Embedding Techniques For Reversible Watermarking, IEEE Transactions On Image Processing, Vol.16, No.3, March 2007 24. Jessica Fridrich, Niroslav Goljan, Lossless Data Embedding With File Size Preservation, Proc. SPIE 5306, Security, Stenography And Watermarking Of Multimedia contents Vi, 354(June22,2004) 25. Ching -Yu Chang, Chih - Hung Lin And Wu - Chih Hu, Reversible Data Hiding For High Quality Images Based On Integer Wavelet Transform, Journal Of Information Hiding And Multimedia Signal Processing Ubiquitous International, Volume 3,No.2, April 2012 26. M.Pitchchaiah, Philenon Daniel, Praveen, Implementation Of Advanced Encryption Standard Algorithm, International Research Volume 3, Issue 3, March -2012. 27. Miscellaneous Gray Level Images (Online) Available: http://decsai.ugr.es/cvg/dbimagenes/g512.php 	
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Authors:	Bhagwat P. Dwivedi, Shiv Kumar, Babita Pathik
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Paper Title:	Intrusion Detection over Networking KDD Dataset using Enhance Mining Algorithm
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Abstract: The intrusion detection systems (IDSs) generate large number of alarms most of which are false positives. Fortunately, there are reasons for triggering alarms where most of these reasons are not attacks. In this research, a rule based technique which is the enhancement of genetic algorithm has been developed. For this, The networking data and intrusion over the data is find to extract to recognize various entities into it. Data mining and its algorithm to process, data extraction, and data analysis is an important phase to monitor the features in it. Intrusion detection process follows the clustering and classification technique to monitor the data flow in it. In this paper our investigation is about to observe available algorithm for the intrusion detection. Algorithm such as Genetic, SVM etc have been processed over KDD cup 10% of dataset which contain 41 attributes and large number of data availability. Here our experiment also conclude that the proposed feature extraction algorithm outperform as best than the existing algorithm with computation parameter such as precision, recall and its accuracy.

Keywords: Intrusion Detection, Clustering Technique, Data Mining, KDD.

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