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	Authors:	Sameer Thigale, Tushar Prasad, Ustat Kaur Makhija, Vibha Ravichandran	
	Paper Title:	Prediction of Box Office Success of Movies Using Hype Analysis of Twitter Data	
	people think. Twi In this project, we We use sentiment	t and Social Networking play a vital role in research field. It contains a massive diction about what tter, is a micro blogging site where people post their views and preferences related to their interests. e try to predict the box office success of the movie by analyzing the hype created amongst the mob. analysis of Twitter data for the same. We are also considering the distribution area of the movie re. To display the output we plot the graph which depicts the success ratio of the movie.	
	Keywords: Prediction; social networking; regression; sentiment analysis.		
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	Authors:	K. Sharath Reddy, M. C. Sankalp, K. Pradeep Kumar, K. P. Shashidhar	
	Paper Title:	Face Recognition System with GUI Using Digital Image Processing	
2.	Abstract: A facial recognition system is a computer application for automatically identifying or verifying a person from a digital image or a video frame from a video source. One of the ways to do this is by comparing selected facial features from the image and a facial database. It is typically used in security systems and can be compared to other biometrics such as fingerprint or eye iris recognition systems. An approach to the detection and identification of human faces is presented, and a working, near-real-time face recognition system which tracks a subject's head and then recognizes the person by comparing characteristics of the face to those of known individuals is described. This approach treats face recognition as a two-dimensional recognition problem, taking advantage of the fact that faces are normally upright and thus may be described by a small set of 2-D characteristic views. Face images are projected onto a feature space ('face space') that best encodes the variation among known face images. The face space is defined by the 'Eigen faces', which are the eigenvectors of the set of faces; they do not necessarily correspond to isolated features such as eyes, ears, and noses. The framework provides the ability to learn to recognize new faces in an unsupervised manner. In this report we discuss about the feature based recognition and Eigen face method for facial analysis. In feature based facial recognition method the importance is given to the facial features, whereas the Eigen face method gives preference to the face. By combining both the above methods we obtain.		7-13
	 Keywords: "Feature Based Eigen face Method" for facial recognition. References: Fundamentals of Digital Image Processing by Chris Solomon and Toby Breckon. Digital Image Processing (3rd Edition) by Gonzalez and Woods. 		
	Authors:	Santhana Krishnan B, Ramaswamy M	
	Paper Title:	Energy Aware Cluster Based Multiplexed Routing Strategy for Wireless Sensor Network	
	Sensor Network (of minimum use of clustered environm in an effort to escl the process of cr increasing traffic.	per invites the philosophy of time division multiplexing to the theory of data transfer in a Wireless WSN). It endeavors to realize a Single Input and Single Output (SISO) framework on the boundaries of energy with a view to increase the network life time. The mechanism assuages the formation of a nent to articulate the realms of an Ad-hoc On demand Distance Vector (AODV) routing mechanism new an energy efficient path for the delivery of information. The role of a Cluster Head (CH) aids in eating a single path at a given time and engraves a perspective to address the demands of the It augurs to reduce the consumption of energy required to carry the message from the source to the eperiphery of the chosen architecture. The simulation results in the Network Simulator (NS2)	

platform measured in terms of the performance indices exhibit the merits of the Cluster Based Ad-hoc On demand Distance Vector (CAODV) scheme over similar approaches and erudite a new road map in the context of data communication for WSN.

Keywords: CAODV, Energy Efficiency, Multiplexing, Network Lifetime, SISO, Wireless Sensor Network.

	кеу	Reywords: CAOD V, Energy Enterency, Multiplexing, Network Enterine, 5150, Wheless Sensor Network.			
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	Aut	hors:	Gayathri Rajaraman, M. Anitha, K. K. Sood		
	Pap	er Title:	Wideband Gain-Enhanced Miniaturized Met Material-based Antenna for Wireless Application	IS	
	Abstract: Complementary Split Ring Resonators and Spiral Resonators; a category of artificially-devised metamaterial components; are loaded onto a microstrip patch and effectively utilized for obtaining wideband				
			n staggered resonances and for radiator size reduction. A basic inset-fed patch antenna is loaded		
		with a pair of CSRR on both the sides with a small change in dimension leading to closely overlapping resonances			
		resulting in a wide bandwidth. Additonally, a spiral resonator is inscribed in the ground-plane under the patch			
	meta	allization to su	uppress surface waves and to improve the radiation characteristics. The antenna is simulated and		

Keywords: Metamaterials, CSRR (Complementary Ring Resonator), Spiral Resonators, Miniaturization.

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Authors:	A. B. Sawant, R. V. Jugdar, S. G. Sawant
Paper Title:	Light Transmitting Concrete by using Optical Fiber

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	Authors:	Resmi Ramachandran Pillai	
	Paper Title:	Enhanced Semantic Preserved Concept Based Mining Model for Enhancing Document Cluster	ring
	clustering" propos model is a chall	project "Enhanced semantic preserved concept based mining model for enhancing document ses the enhancement of data mining model for efficient information retreival. Concept based mining lenging and a red hot field in the current scenario and has great importance in text categorization	
6.	 documents into r paradigm and diff preserving the me expressed in the preprocessing task Keywords: SVD, References: Jason D. M. Re Proceedings Of T.Mouratis, S.K ICCIT"09 Proce B.Rosario And Vol.430,2004. M.Craven, "Le Oana Frunza.et. L. Hunter And I Jeff Pasternack Abdur Rehman, Adrian Canedo- Mobile Phone" U.Y. Nahm and Artificial Intelli 	t of research work has been done in this field but there is a need to categorize a collection of text nutually exclusive categories by extracting the concepts or features using supervised learning ferent classification algorithms. This project aims to Develop a concept based mining model for eaning of sentence using semantic net & synonym dictionary. The new concept definition can be form of a triplet subject, verb, object>.This triplet is the basic unit for the processing and ts. For increasing the performance, SVD (Singular Value Decomposition) is used. Concept, Categories, algorithms, clustering. nnie, Lawrence Shih, Jaime Teevan, David R. Karger ,"Tackling The POOR Assumption Of Naïve Bayes Text Classifier", The Twentieth International Conference On Machine Learning (ICML-2003), Washington DC, 2003. Cotsiantis, "Increasing The Accuracy Of Discriminative Of Multinominal Bayesian Classifier In Text Classification", eedings Of The 2009 Fourth International Conference On Computer Science And Convergence Information Technology. M.A.Hearst, "Semantic Relation In Bioscience Text", Proc. 42nd Ann. Meeting On Assoc For Computational Linguistics, arning To Extract Relations From Medline", Proc. Assoc. For The Advancement Of Artificial Intelligence. al, "A Machine Learning Approach For Identifying Disease-TreatmentRelations In Short Texts", May 2011 K.B. Cohen, "Biomedical Language Processing:What"s Beyond Pubmed?" Molecular Cell, Vol. 21-5, Pp. 589-594,2006. , Don Roth "Extracting Article Text From Webb With Maximum Subsequence Segmentation", WCW 2009 MADRID. Haroon.A.Babri, Mehreen saeed," Feature Extraction Algorithm For Classification Of Text Document", ICCIT 2012. Rodriguez, Jung Hyoun Kim,etl.,"Efficient Text Extraction Algorithm Using Color Clustering For Language Translation In	29-34
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during transmission of the large size query. In this thesis work, to minimize battery drain as well as response time query processing on one mid network node (Relay Node) had done. Leasing processing power form mid network node may decrease battery usage on the mobile devices and response times, so that is totally depend on service provider how much it has to lease? The trade of processed data with response time, memory required & energy required is studied. The dynamic programming approach for the optimality to distribute the amount of query processing load on relay node is also used. Here I extended our work with the compression & encryption. LZ4-HC compression technique is used to minimize the size of data so that its processing is automatically decreased thereby it's obvious that there is further more save of battery. At mobile station compression is done. We do feature extraction at relay node as a part of query processing. Encryption is also applied to the extracted features for security purpose at relay node. On the other hand, at application server feature decryption has done with training & classification which are application level functions.

Keywords: AES, Artificial Neural Network (ANN), Feature, Extraction, LZ4-HC.

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Authors:	Purohit Megha, Raunak Jangid, Kapil Parikh, Ashish Maheswari
Paper Title:	Flow Analysis of Transmission System Incorporating STATCOM

Abstract: In this modern age of technological development demand of the electrical energy is increasing where generation and transmission capacity is not increasing at same rate. This gives constraints on the power system. The erection of a new transmission line is not an easy task especially in the developing countries like India. So a power system engineer must try to use existing transmission lines up to their stability limits. Operating the lines near or above thermal stability limits makes system vulnerable to faults moreover it also increases the losses in the system. One way to increase the transmission capacity of the system without operating it to its thermal stability limit is to provide reactive power compensation at various locations. Reactive power compensation improves the voltage profile of the system, increase the power transfer in the lines and reduce losses. STATCOM is one such device that is used for reactive power compensation. It provides reactive power compensation thereby improving the voltage profile of the system. In this thesis reactive power compensation is attempted using STATCOM. To study its affect Load flow study is performed on IEEE 5 bus; IEEE 14 bus and IEEE 30 bus with and without STATCOM incorporated and the results are then compared to show the effect of STATCOM on the system. NEWTON RAPHSON method is used for the load flow study of the system.

Keywords: STATCOM, FACTS, IEEE-5 bus, IEEE-14 bus, IEEE_30 bus.

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Authors: Sajid Shaikh, Naser Shaikh Paper Title: Fractal Traffic with Reference to Performance Analysis of Call Admission Control in Wireless Mobile Network

9. Reywork: About four key works or phrases in alphabetical order, separated by commas. Call admission control. 52:54 9. References:		in order to reduce connection dropp balance the call b varying wireless r techniques. Focus based solution to	mission control is a provisioning strategy to limit the number of call connections into the networks e the network congestion and call dropping. In wireless networks, another dimension is added call ing or simply call dropping is possible due to the user's mobility. A good CAC scheme has to blocking and call dropping in order to provide the desired QoS requirements. Limited and time- resources, user mobility and various application requirements promote the development of adaptive ing on the cell specific mobility, I propose a target utility-based rather than call drop probability- address the QoS stability intra/inter cell and tradeoff between carried traffic and degradation. mpensation methods are used in the proposed scheme with little assumption of fractal traffic and the.	
 William C. Y. Lee "Mobile Callular Telecommunication, Analog and Digital Systems", Ist and 2 nd edition McGraw Hill Book, Inc. Andern Schiller, "Mobile Communications". Second Edition, Person Education. Ander Schiller, "Mobile Communications". Second Edition, Person Education. Ander Schiller, "Mobile Communications (Cellar Mervershing and Phannagia Company and Company and	9.			52-54
Paper Title: Lifting Scheme Based Designing of Wavelets in Spiral Addressing Model on a Hexagonal Grid Abstract: Image processing in hexagonal grid is very much advantageous than in the conventional rectangular grid. The advantages include higher angular resolution, consistent connectivity and higher sampling efficiency. A wide class of operations on images can be performed directly in the wavelet domain by operating on its coefficients of the images. Operating in wavelet domain enables to operate on different resolutions, manipulate features at different scales and localize the operation in both spatial and frequency domains. A new method of designing hexagonal wavelets using lifting scheme, spiral addressing scheme is proposed in this thesis. It is computationally efficient because they are not based on Fourier transforms, and could be performed in place. Keywords: Wavelets, lifting scheme, spiral addressing, hexagonal grid. References: Golay, M., "leagonally sampled Two-Dimensional Signals", Proceedings of the Itegrid. May Chens-Siter, And Tale Laiter, "A nampling theyd for compact sets in Eaclidean space". Proceedings of the Itegrid sensing Symposium. 2002. (GARSS 02. 2002. IEEE International, pp. 979-981 vol.22002. W. Swedens, "Factoring Wavelet Transforms into Lifting Steps." J. Fourier Analysis Applications, vol. 4, no. 3, pp. 245- 267, 1998. Calderbak, I. Daubechies, W. Swedens, and BL. Yeo, "Wavelet Transforms that Map Integers to Integers," Applied and Computational Harmotic Analysis, vol. 5, no. 3, pp. 332-369, 1998. Le Middleton and Jayanth Sivasawamy, "Hexagonal Paratid Approach", Springer Verlag London Limited, 2005. Laubechies ad W. Swedens, "and BL. Yeo, "Wave		 William C. Y. I AndrewmS. Tai Jochen Schiller, Ajay R. Mishra Jun-Zhao Sun, ' IEEE/ACM Tra Yi Zhang and E Taub and Schill Peyton Z. Peebl 	 nenbaum, "Computer Networks" Forth Edition, Pearsons Education. "Mobile Communications" Second Edition, Pearson Education. "Fundamentals of Cellular Networking and Planning and Optimization 2G/2.5G/3G Evolution to 4G" Wiley 'Mobile Ad Hoc Networking: An Essential Technology for Pervasive Computing". Packet Networks" Published in nsactions on Networking, February 1997. Verong Liu, "An Adaptive Algorithm for Call Admission Control in Wireless Networks" ing, "Principle of Communication Systems" McGraw Hill Book, Inc. Electrical and Electronics Engineering Services. es, Jr., "Probability, Random Variables, and Random Signal Principles" McGraw Hill Book,Inc. 	
Abstract: Image processing in hexagonal grid is very much advantageous than in the conventional rectangular grid. The advantages include higher angular resolution, consistent connectivity and higher sampling efficiency. A wide class of operations on images can be performed directly in the wavelet domain by operating on its coefficients of the images. Operating in wavelet domain enables to operate on different resolutions, manipulate features at different scales and localize the operation in both spatial and frequency domains. A new method of design physical physical wavelets using lifting scheme in the spiral addressing scheme is proposed in this thesis. It is computationally efficient because they are not based on Fourier transforms, and could be performed in place. Keywords: Wavelets, lifting scheme, spiral addressing, hexagonal grid. References: Coluy, M., "Tleagonal parallel patient transformation". IEEE Transactions on computers, 18(8),pp. 733-740. September.1969. Mensereau, R.M., "The processing of Hezagonally sampled Two-Dimensional Signals", Proceedings of the IUCR. Mensereau, R.M., "The processing of Hezagonally sampled Two-Dimensional Signals", Proceedings of the IUCR. Weedems, "The Lifting Scheme A Construction of Scong Computers, 18(8), pp. 733-740. September.1969. Medice Chaza, David Cohen-Stener, Andel Luitter," A hampling prior and impact on image acquisition chans". Geosciences and Remote Sensing Symposium, 2002. IGARSS 02. 2002 IEEE International, pp. 979-981 vol.22002. Weedems, The Lifting Scheme A Construction of Scong Generation Wavelets, "SIAM J. Math. Analysis, vol.29, no. 2, pp. 511-546, 1997," I. Daubechies and W. Sweldens, "Factoring Wavel Transforms into Lifting Steps," J. Fourier Analysis Applications, vol. 4, no.3, pp. 245- 267, 1998.<th></th><th></th><th></th><th></th>				
The advantages include higher angular resolution, consistent connectivity and higher sampling efficiency. A wide class of operation in wavelet domain enables to operate on different resolutions, manipulate features at different scales and localize the operation in both spatial and frequency domains. A new method of designing hexagonal wavelets using lifting scheme in the signal addressing scheme is proposed in this thesis. It is computationally efficient because they are not based on Fourier transforms, and could be performed in place. Keywords: Wavelets, lifting scheme, spiral addressing, hexagonal grid. References: Golay, M., "Hexagonal parallel pattern transformation". IEEE Transactions on computers, 18(8), pp. 733-740, September,1969. Golay, M., "Hexagonal grid Pattern transformation". IEEE Transactions on computers, 18(8), pp. 733-740, September,1969. Golay, M., "Hexagonal signals" Proceedings of the IEEE, 67, pp. 930-949, 1979. Frédéric Chazal. David Cohen-Steiner, Andé Lieuter, "A sampling theory for compact sets in Euclidean space". Proceedings of the twenty-section annual symposymom on Computational genetry SC GO (6, CAM. Viulit, K., "Aliasing effects mitigation by optimized sampling grids and impact on image acquisition chains". Geosciences and Remote Sensing Symposium, 2002. IGEES transforms into Lifting Steps," J. Fourier Analysis Applications, vol 4, no. 3, pp. 245-267, 1998. R. Calderchak, I. Daubechies, W. Sweldens, and BL. Yeo, "Wavelet Transforms that Map Integers to Integers," Applied and Computational Attenues Ass. 30, 19, 332-369, 1998. I. Dubechies and W. Sweldens, and BL. Yeo, "Wavelet Transforms that Map Integers to Integers," Applied and Computational Attenues Ass. 5, no. 3, pp. 332-369, 1998. R. Calderchak, I. Daubechies, W. Sweldens, and BL. Yeo, "Wavelet Trans		-		[
Paper Title:Quality of Service for Differentiated Traffic using Multipath in Wireless Sensor NetworksAbstract: Providing Quality of Service in wireless sensor networks refers to a set of service requirements to be satisfied when transmitting a packet from source to destination. The main challenge involved in quality of service based data transmission is to select the efficient path from source to destination. Quality of service in wireless sensor networks is an important factor. The two most important parameters that hinder the goal of guaranteed event perception are time-sensitive and reliable delivery of gathered information, while minimum energy consumption is desired. In this paper, a multi-traffic, multi-path and energy aware data transmission mechanism is proposed for improving Quality of Service in Wireless Sensor Networks. The simulation results demonstrate that, the algorithms efficiently improve quality of reception ratio, satisfying the required quality of service metrics.61-66Keywords: Differentiated Traffic, End-to-End Delay, Energy, Reliability, Wireless Sensor Networks.References:	10.	 class of operations on images can be performed directly in the wavelet domain by operating on its coefficients of images. Operating in wavelet domain enables to operate on different resolutions, manipulate features at different scales and localize the operation in both spatial and frequency domains. A new method of designing hexag wavelets using lifting scheme in the spiral addressing scheme is proposed in this thesis. It is computationally effected because they are not based on Fourier transforms, and could be performed in place. Keywords: Wavelets, lifting scheme, spiral addressing, hexagonal grid. References: Golay, M., "Hexagonal parallel pattern transformation". IEEE Transactions on computers, 18(8),pp. 733-740, September, 1969. Mersereau, R.M., "The processing of Hexagonally Sampled Two-Dimensional Signals". Proceedings of the IEEE, 67, pp. 930-949, 197 Frédéric Chazal, David Cohen-Steiner, André Lieutier, "A sampling theory for compact sets in Euclidean space". Proceedings of the tw second annual symposium on Computational geometry SCG '06, ACM. Vitulli, R., "Aliasing effects mitigation by optimized sampling grids and impact on image acquisition chains". Geosciences and Resisting Symposium, 2002. IGARSS '02. 2002 IEEE International, pp. 979-981 vol.2,2002. W. Sweldens, "The Lifting Scheme: A Construction of Second Generation Wavelet," SIAM J. Math. Analysis, vol. 29, no. 2, pp. 511 1997. I. Daubechies and W. Sweldens, "Factoring Wavelet Transforms into Lifting Steps," J. Fourier Analysis Applications, vol. 4, no. 3, pp. 327-199. 1998. R. Calderbank, I. Daubechies, W. Sweldens, and BL. Yeo, "Wavelet Transforms that Map Integers to Integers," Applied Computational Harmonic Analysis, vol. 5, no. 3, pp. 332-369, 1998. R. Calderbank, I. Daubechies, W. Sweldens, and BL. Yeo, "Wavelet Transforms that Map Integers to Integers," Applied Computational Harmonic Analysis, vol. 5, no. 3, pp. 332-369, 1998. 		55-60
Abstract: Providing Quality of Service in wireless sensor networks refers to a set of service requirements to be satisfied when transmitting a packet from source to destination. The main challenge involved in quality of service based data transmission is to select the efficient path from source to destination. Quality of service in wireless sensor networks is an important factor. The two most important parameters that hinder the goal of guaranteed event perception are time-sensitive and reliable delivery of gathered information, while minimum energy consumption is desired. In this paper, a multi-traffic, multi-path and energy aware data transmission mechanism is proposed for improving Quality of Service in Wireless Sensor Networks. The simulation results demonstrate that, the algorithms efficiently improve quality of reception ratio, satisfying the required quality of service metrics.61-66Keywords: Differentiated Traffic, End-to-End Delay, Energy, Reliability, Wireless Sensor Networks.References:				
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