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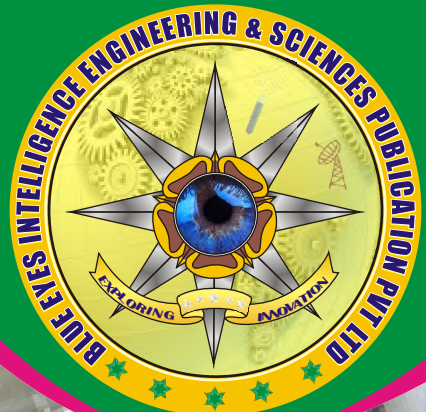
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1.	Authors:	N. Ranjith, C. Saravanan, M. R. Bibin		
	Paper Title:	Glaucoma Diagnosis by Optic Cup to Disc Ratio Estimation		
	<p>Abstract: Glaucoma is a major global cause of blindness. An approach to automatically extract the main features in color fundus images is proposed in this paper. The optic cup-to-disc ratio (CDR) in retinal fundus images is one of the principle physiological characteristics in the diagnosis of glaucoma. The least square fitting algorithm aims to improve the accuracy of the boundary estimation. The technique used here is a core component of ARGALI (Automatic cup-to-disc Ratio measurement system for Glaucoma detection and AnaLysIs), a system for automated glaucoma risk assessment. The algorithm's effectiveness is demonstrated manually on segmented retina fundus images. By comparing the automatic cup height measurement to ground truth, we found that the method accurately detected neuro-retinal cup height. This work improves the efficiency of clinical interpretation of Glaucoma in fundus images of the eye. The tool utilized to accomplish the objective is MATLAB7.5.</p> <p>Keywords: Cup to Disc Ratio; Optic Nerve Head; Heidelberg Retinal Tomography; Convex hull; Region of Interest.</p> <p>References:</p> <ol style="list-style-type: none">1. J. Dammas and F. Dannheim, "Sensitivity And Specificity Of Optic Disc Parameters In Chronic Glaucoma", Invest ophth VisSci, vol.34,pp.2246-2250, June.1993.2. Thylefors. B and Negrel, "The Global Impact Of Glaucoma", Bull World Health Organ, vol.72, no.3,pp 32-36, 1994.3. Quigley. H. A and A. T. Broman, "The Number Of People With Glaucoma Worldwide In 2010 And 2020" Br. J. Ophthalmol, vol.90, no.3, p.262-7,2006.4. J. Xu, O. Chutatape, E. Sung, C. Zheng, P. C. T. Kuan. "Optic Disk Feature Extraction Via Modified Deformable Model Technique For Glaucoma Analysis" Pattern Recognition , vol.40, pp. 2063-2076, 2006.5. H. Li, O. Chutatape. "A model-based approach for automated feature extraction in fundus images". In Proc. Of the 9th IEEE International Conference on Computer Vision, 2003.6. N. Inoue, K. Yanashima, K. Magatani, and T.A. K. T. Kurihara, "Development of a simple diagnostic method for the glaucoma using ocular Fundus pictures," 27th Annual International Conference of the Engineering in Medicine and Biology Society, 2005.7. M. D. Abramoff, W. L. M. Alward, E. C. Greenlee, L. Shuba, C. Y. Kim, J. H. Fingert, and Y. H. Kwon, "Automated Segmentation of the Optic Disc from Stereo Color Photographs Using Physiologically Plausible Features," Investigative Ophthalmology and Visual Science, vol. 48, pp. 1665, 2007.8. J. Liu, D.W.K. Wong, J.H. Lim, H. Li, N.M. Tan, Z.Zhang, T. Y Wong, R. Lavanya, "ARGALI: An Automatic Cup-To-Disc Ratio Measurement System For Glaucoma Analysis Using Level-Set Image Processing", International Conference on Biomedical Engineering (ICBME2008), 2008.9. Brown, K. Q. "Voronoi Diagrams From Convex Hulls". Information Processing Letters, vol. 9, no.5, pp. 223-228 ,1979.10. Rafael C. Gonzalez, Richard E. Woods, "Digital Image Processing Using MATLAB", Second Edition, Pearson Education Asia Publications.11. R.S.Khandpur, "Handbook of Biomedical Instrumentation", Second Edition, Tata McGraw- Hill Publications			1-5
2.	Authors:	Manal Abdul Ameer Qabazard		
	Paper Title:	Resonance Circuits and Applications		
	<p>Abstract: This paper presents and reviews the series and Parallel Resonance Circuits starting from the concept of circuit impedance and how does resonance occur then studying the circuits of each type and its characteristic, then finally some of important applications of each type.</p> <p>Keywords: Circuit Impeadance, Resonance, Ideal inductor and Ideal Capacitor, Series Resonance Circuits Band Width , Parallel Resonance Circuits ,Applications of series and parallel resonance circuits.</p> <p>References:</p> <ol style="list-style-type: none">1. R.W. Erickson and D. Maksimovic, "Fundamentals of Power Electronics," 2nd. Edition, Kluwer Academic Publishers, 20012. L. P. Huelsman and P. E. Allen, Introduction to the Theory and Design of Active Filters,"McGraw Hill, 1980, ISBN: 0-07-030854-3.3. A. I. Zverev and H. J. Blinchikoff, Filtering in the Time and Frequency Domain, John Wiley an1d Sons, 1976.4. D. Hart, "Introduction to Power Electronics," Prencice Hall, 1996.5. E. H. Watanabe, H. Akagi, M. Aredes, "The p-q Theory for Active Filter Control: Some Problems and Solutions", Trans. on Revista Control and Automation, Vol. 15 no. 1/Jan., Fev. e Maro 20046. A. I. Pressman, "Switching Power Supply Design," 2nd Edition, McGraw-Hill,7. H. Zumbahlen, Passive and Active Filtering," Analog Devices AN281.8. W. K. Chen, Linear Networks and Systems. Belmont, CA: Wadsworth, 1993.9. M. E. Van Valkenburg, Analog Filter Design, Holt, Rinehart & Winston, 198210. K. Likharev. Single-Electron Devices and Their Applications. Proceedings of the IEEE, April 1999.11. A. I. Zverev and H. J. Blinchikoff, Filtering in the Time and Frequency Domain, John Wiley an1d Sons, 1976.12. S. Franco, Design with Operational Amplifiers and Analog Integrated Circuits, McGraw-Hill 1988, ISBN: 0-07-021799-8.13. Aram Budak, Passive and Active Network Analysis and Synthesis, Houghton Mifflin Company,Boston, 1974.14. R. W. Daniels, Approximation Methods for Electronic Filter Design, McGraw-Hill, New York.15. J. R. Bainter, Active Filter Has Stable Notch and Response Can be Regulated, Electronics, Oct. 2 1975, pp.115-117.16. A. B. Williams, Electronic Filter Design Handbook, McGraw-Hill, 1981, ISBN: 0-07-070430-9.			6-13
	Authors:	P. Nammalvar, L. Mahalakshmi		
	Paper Title:	Implementation of SHPF-TCR Suitable for Power Quality Issues at IT Parks		
	<p>Abstract: A widespread use of Computer technology in IT park leads to increased presence of distortion current and therefore to increased harmonics in the power system. The harmonics results into a poor power quality and have great adverse economic impact on the utilities and customers. This paper proposes a combined system of a thyristor-controlled reactor (TCR) and a shunt hybrid power filter (SHPF) for mitigating these problems. The main objective of this paper is to develop a novel SHPF-TCR for harmonic elimination and reactive power compensation. The SHPF is</p>			

3.	<p>the combination of a small-rating active power filter (APF) and a LC passive filter. The tuned LC passive filter and the TCR form a shunt passive filter (SPF) to compensate reactive power. SVPWM technique is simulated to generate switching signal to Shunt Active Filter. Conventional PI controllers were used to control the compensation system. SVPWM technique is used in the present work for better utilization of dc bus voltage with efficient manner. The effectiveness of the compensator is verified through MATLAB Simulink. The simulation results are found to be quite satisfactory to mitigate harmonic distortions and reactive power compensation.</p> <p>Keywords: Harmonics, PI controller, Shunt Hybrid Power Filter, Thyristor Controlled Reactor, Space vector pwm, Point of common coupling.</p> <p>References:</p> <ol style="list-style-type: none">1. Salem Rahmani, Abdelhamid Hamadi, Kamal Al-Haddad, and Louis A. Dessaint, "A Combination of Shunt Hybrid Power Filter and Thyristor-Controlled Reactor for Power Quality" IEEE transactions on industrial electronics, vol. 61, no. 5, may 20142. Hamadi, S. Rahmani, and K. Al-Haddad, "A hybrid passive filter configuration for VAR control and harmonic compensation," IEEE Trans. Ind. Electron., vol. 57, no. 7, pp. 2419–2434, Jul. 2010.3. P. Flores, J. Dixon, M. Ortuzar, R. Carmi, P. Barriuso, and L. Moran, "Static Var compensator and active power filter with power injection capability, using 27-level inverters and photovoltaic cells," IEEE Trans. Ind. Electron., vol. 56, no. 1, pp. 130–138, Jan. 2009.4. X. Du, L. Zhou, H. Lu, and H.-M. Tai, "DC link active power filter for three-phase diode rectifier," IEEE Trans. Ind. Electron., vol. 59, no. 3, pp. 1430–1442, Mar. 20125. X. Wang, F. Zhuo, J. Li, L. Wang, and S. Ni, "Modeling and control of dual-stage high-power multifunctional PV system in d-q-0 coordinate," IEEE Trans. Ind. Electron., vol. 60, no. 4, pp. 1556–1570, Apr. 2013.6. Z. Chen, Y. Luo, and M. Chen, "Control and performance of a cascaded shunt active power filter for aircraft electric power system," IEEE Trans. Ind. Electron., vol. 59, no. 9, pp. 3614–3623, Sep. 2012.7. M. Angulo, D. A. Ruiz-Caballero, J. Lago, M. L. Heldwein, and S. A. Mussa, "Active power filter control strategy with implicit closedloop current control and resonant controller," IEEE Trans. Ind. Electron. vol. 60, no. 7, pp. 2721–2730, Jul. 20138. H.Akagi, Y.Kanazawa, A.Nabae, "Instantaneous Reactive Power Compensator contain Switching Devices without Energy Storage Components", IEEE Trans. Commerce Applic, vol. 20, May/June 1984.9. Dipen A. Mistry, Bhupelly Dheeraj, Ravit Gautam, Manmohan Singh Meena, Suresh Mikkili "Power Quality Improvement Using PI and Fuzzy Logic Controllers Based Shunt Active Filter" international Journal of Electrical, Computer, Electronics and Communication Engineering Vol:8, No:4, 201410. E. H. Watanabe, R. M. Stephan, M. Aredes, "New concept of Instantaneous Active and Reactive Powers in Electrical Systems with Generic Loads", IEEE Trans. Power Delivery, vol. 8, no. 2, April 1993, pp. 697-703.11. P.Nammalvar and S.Annapoorani, "Three phase high power Quality two stage boost rectifier," International Journal of Engineering Science and Technology, Vol.4, no. 4, pp-1702-1712, April 2012.12. H. Akagi, Y. Kanazawa, A. Nabae, "Generalized Theory of the instant Reactive Power in Three- Phase Circuits", IPEC'83 - Int. Power Electronics IEEE., Tokyo, Japan, 1983, pp. 1375-1386.13. P. Nammalvar and P. Meganathan, "A Novel Three Phase Hybrid Unidirectional Rectifier for High Power Factor Applications", International Journal of Electrical, Computer, Electronics and Communications Engineering, WASET, Vol:8,No:9,2014 pp 1400-1408.	14-20				
4.	<table><tr><td>Authors:</td><td>Yousef A. Kareri, Elham Kariri</td></tr><tr><td>Paper Title:</td><td>Asthma Watch</td></tr></table> <p>Abstract: The Asthma Watch™ device is designed to detect and treat pending asthma attacks in sleeping children without any human assistance. The symptom detection points will include blood pressure, heart rate, body temperature (wrist band), sound sensor and exhaled breath temperature (thermal camera). The intelligent wrist band will deliver a controlled dose of medication to the patient via an absorption / iontophoresis method which is instructed by the software in the mainframe computer. Asthma Watch™ allows effective dose control and ensures a good night sleep for everybody.</p> <p>Keywords: Asthma Watch™,(thermal camera), (wrist band), intelligent.</p> <p>References:</p> <ol style="list-style-type: none">1. Australian Centre for Asthma Monitoring, 2005. Health care expenditure and the burden of disease due to asthma in Australia. Australian Institute of Health and Welfare Canberra2. AIHW cat. no. ACM 5.3. Iontophoresis Perimed 2012, viewed 20th July 2012 <http://www.perimed-instruments.com/brochures/Iontophoresis_Perimed.pdf>4. National Asthma Council Australia, 2012 viewed 20th July 2012 < http://kidswithasthma.com.au/>5. Nursing Standards, 2012 viewed 20th July 2012 <http://nursingstandard.rcnpublishing.co.uk/archive/article-asthma-pathophysiology-diagnosis-and-management/>6. Primary Health Care, 2012 viewed 20th July 2012 <http://primaryhealthcare.rcnpublishing.co.uk/archive/article-asthma-update-recommendations-for-diagnosis-treatment-and-management>7. The American Academy of Allergy, Asthma & Immunology. (n.d.). Asthma statistics. Retrieved from http://www.aaaai.org/about-the-aaaai/newsroom/asthma-statistics.aspx	Authors:	Yousef A. Kareri, Elham Kariri	Paper Title:	Asthma Watch	21-27
Authors:	Yousef A. Kareri, Elham Kariri					
Paper Title:	Asthma Watch					
	<table><tr><td>Authors:</td><td>Nagwa Albeherly, Tonghui Wang</td></tr><tr><td>Paper Title:</td><td>Estimating Poverty Measures using Truncated Distributions and its Applications</td></tr></table> <p>Abstract: Poverty measures are used to measure poverty levels or degrees of poverty in a population. In this paper, we investigate the estimation of poverty measures using truncated log-normal, truncated gamma, and truncated epsilon-skew-normal distributions. For comparisons and illustrations, our results are applied to the real data sets collected in Egypt between 1995/1996 and 2008/2009.</p> <p>Keywords: Poverty measures, Parametric estimation, Income distributions, Truncated distributions.</p> <p>References:</p> <ol style="list-style-type: none">1. Aban, I.B, Meerschaert, M.M and Panorska, A.K. Parameter estimation for the truncated Pareto distribution, American Statistical Association, 2006, Vol. 101, No. 473, pp. 270--277.2. Bandourian, R, McDonald, J.B and Turely, R.S. Income distributions: A comparison across countries and time. Discussion paper 2002,	Authors:	Nagwa Albeherly, Tonghui Wang	Paper Title:	Estimating Poverty Measures using Truncated Distributions and its Applications	
Authors:	Nagwa Albeherly, Tonghui Wang					
Paper Title:	Estimating Poverty Measures using Truncated Distributions and its Applications					

5.	<p>Brigham Young University, USA.</p> <ol style="list-style-type: none"> 3. Berger, R.L and Sinclair, D.F. Testing hypotheses concerning unions of linear subspaces, <i>Journal of the American Statistical Association</i> 1984, vol. 79, pp. 158--163. 4. Chapman, D.G. Estimating the parameters of a truncated Gamma distribution, <i>The Annals of Mathematical Statistics</i>, 1956, vol. 27, No. 2, pp. 498--506. 5. Chang, C.H, Lin, J.L, Pan, N and Chiang, M.C. A note on improved approximation of the Binomial distribution by the Skew-Normal distribution, <i>The American Statistician</i>, 2008, vol. 62, No. 2, pp. 167--170. 6. Davidson, R and Duclos, J. Statistical inference for stochastic dominance and for the measurement of poverty and inequality, (<i>it Econometrica</i>), 2000, vol. 68, pp. 1435--1464. 7. Duclos, J and Arrar, A. Poverty and Equity: Measurement, Policy and Estimation with DAD, Springer Science+Business Media, New York, 2006. 8. Egyptian Central Agency of Statistics. (1996). Income, Consumption and Expenditure Research (1995/1996), Egyptian Central Agency of Statistics, Cairo, Egypt. 9. Egyptian Central Agency of Statistics. (2000). Income, Consumption and Expenditure Research (1999/2000), Egyptian Central Agency of Statistics, Cairo, Egypt. 10. Egyptian Central Agency of Statistics. (2005). Income, Consumption and Expenditure Research (2004/2005), Egyptian Central Agency of Statistics, Cairo, Egypt. 11. Egyptian Central Agency of Statistics. (2009). Income, Consumption and Expenditure Research (2008/2009), Egyptian Central Agency of Statistics, Cairo, Egypt. 12. Foster, J.E, Greer, J and Thorbecke, E.A. A class of decomposable poverty measures, <i>Econometrica</i>, 1984, Vol. 52, pp. 761--766. 13. Gustafsson, B and Nivorozhkina, L. Relative poverty in two egalitarian societies: A comparison between Taganrog, Russia during the Soviet era and Sweden, <i>The review of Income and Wealth</i>, 1996, Series. 42, pp. 321--334. 14. Harrison, A. Earning by size: A tale of two distributions, <i>The Review of Economic Studies</i>, 1981, vol. 48, pp. 621--631. 15. Kakwani, N. Statistical inference in the measurement of poverty, <i>The Review of Economics and Statistics</i>, 1993, vol. 75, N. 4, pp. 632--639. 16. McDonald, J.B. Some generalized functions for the size distribution of income, A generalization of the beta distribution with applications, <i>Econometrica</i>, 1984, vol. 52, pp. 647--663. 17. McDonald, J.B and Xu, Y.J. A generalization of the beta distribution with applications, <i>Journal of Econometrics</i>, 1995, vol. 69, pp. 427--428. 18. Mudholkar, G.S and Huston, A.D. The epsilon-skew-normal distribution for analyzing near-normal data, <i>Journal of Statistical Planning and Inference</i>, 2000, vol. 83, pp. 291--309. 19. Oti, E.B, Kanbur, R and McKay, A. A poverty profile for Ghana, Working paper, 1990, World Bank, Washington. D.C. USA. 20. Salem, A.B.Z and Mount, T.D. A convenient descriptive model of income distribution: the gamma density, <i>Econometrica</i>, 1974, Vol. 42, pp. 1115--1127. 21. Sahn, D.E and Stifel, D.C. Poverty comparisons over time and across countries in Africa, <i>World Development</i>, 2000, Vol. 28, pp. 2123--2155. 22. Shorrocks, A.F. Notes and comments: Revisiting the Sen poverty index, <i>Econometrica</i>, 1995, vol. 63, pp. 1225--1230. 23. Sen, A.K. Poverty: An ordinal approach to measurement, <i>Econometrica</i>, 1976, Vol. 44, pp. 219--231. 24. Singh, S.K and Maddala, G.S. A function for size distribution of incomes, <i>Econometrica</i>, 1976, Vol. 44, pp. 963--970. 25. Shao, J. <i>Mathematical Statistics</i> (2nd ed), Springer Science+Business Media, New York, 2003. 26. Slocomb, J , Stauffer, B and Dickson, K.L. On fitting the truncated Lognormal distribution to soecies-abundance data using maximum likelihood estimation, <i>Ecological Society of America</i>, 1977, Vol. 58, No. 3, pp. 693--696. 27. Zheng, B. Statistical inference for poverty measures with relative poverty lines, <i>Journal of Econometrics</i>, 2001, vol. 101, pp.337--356. 	28-32
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