

Sl. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
2022							
1.	“GPS Receiver Position Augmentation Using Correntropy Kalman Filter in Low Latitude Terrain”,	Ganesh Laveti,	EC E	The International Arab Journal of Information Technology	Vol. 19(1), 72-80, January 2022,	ISSN 16833198 ,	
2.	“Novel 2-D Histogram-Based Soft Thresholding for Brain Tumor Detection and Image Compression “	P.M.K.Prasad	ECE	International Journal of Applied Metaheuristic Computing, Volume 13, Issue 1,	2022,	ISSN: 1947-8283 (ESCI and Scopus Indexed)	
2021							
1	“Conditioned Measurement Fused Estimate Unscented Kalman Filter for Underwater Target Tracking using Acoustic signals captured by Towed Array”	D.V.A.N.Ravi Kumar	ECE	Applied Acoustics, vol.174,pp.1077-1082,Mar.2021. Publisher: Elsevier, Indexing:SCI,Scopus, Google Scholar	Mar.2021	0003-682X	https://www.scopus.com/sourceid/12946
2	“ Hybrid Unscented Kalman Filter with Rare features for Underwater Target tracking using Passive Sonar Measurements”	D.V.A.N.Ravi Kumar	ECE	Optik, Vol.226,No.1,pp.1-13,Jan. 2021.	Jan.2021.	0030-4026	https://mjl.clarivate.com/search-results?issn=0030-4026&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
2020							
3	“Performance evaluation of suitable navigation algorithm using raw measurements taken from stationary GPS receiver”	P. Sirish Kumar, V.B.S. Dutt & Ganesh Laveti	ECE	Materials Today: Proceedings, Volume 33, Part 7, Pages 3366-3371, 2020. DOI: https://doi.org/10.1016/j.matpr.2020.05.171 (ELSEVIER,	July 2020.	2214-7853	https://www.scopus.com/sourceid/21100370037

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4	"A novel kinematic positioning algorithm for GPS applications in urban canyons"	P.Sirish Kumar, V.B.S. Srilatha Indira Dutt, Ganesh Laveti	ECE	Material Today: proceedings , Volume 33, Part 7, Pages 3359-3365, 2020. DOI: https://doi.org/10.1016/j.matpr.2020.05.165 . (ELSEVIER, Scopus Indexed)	July 2020.	2214-7853	https://www.scopus.com/sourceid/21100370037
5	A Novel Extended Cyclic MUSIC algorithm using Wavelet Decomposition Technique	NVSV Vijaya Kumar , K. Raja Rajeswari , P. Rajesh Kumar	ECE	International Journal of Innovative Science and Modern Engineering (IJISME)	July 2020.	ISSN: 2319-6386, Volume-6 Issue-8,	NO
6	Modified VLSI Architecture for Energy Detector in Spectrum Sensing	Ms. Ch. Sirisha ,Ms. Y. Yagyna Sree,Ms. R. Vyshnavi , Ms. Y. Bhavani and Ms. P. Niharika	ECE	International Journal of Modern Electronics and Communication Engineering (IJMECE)	July 2020	2321-2152	no ask chs once
7	Implementation of new navigation algorithm based on cross-correntropy for precise positioning in low latitude regions of South India	P. Sirish Kumar,V. B. S. Srilatha Indira Dutt and L. Ganesh	ECE	International Journal of Speech Technology	June,2020	ISSN:1381-2416E- ISSN:1572-8110	https://www.scopus.com/sourceid/26802
8	DOA Estimation of Wideband Cyclic MUSIC Algorithm under Rayleigh Fading Environment in MIMO Systems	NVSV Vijaya Kumar , K. Raja Rajeswari , P. Rajesh Kumar	ECE	International Journal of Recent Technology and Engineering (IJRTE)	May,2020	ISSN: 2277-3878, Volume-9 Issue-1,	NO
9	Carrier frequency offset(CFO) Estimation in MC-CDMA System	Dr.Guntu Nooka Raju, Dr.P. M.K.Prasad , Bethapudi Ratnakanth	ECE	International Journal of Advanced Science and Technology	May,2020	2005-4238	https://www.scopus.com/sourceid/21100829147
10	Sparse recovery based compressive sensing algorithms for diffuse optical tomography	B.P.V. Dileep , Pranab K. Dutta, P.M.K.	ECE	Optics and Laser Technology- Elsevier	mar.,2020	0030-3992	https://www.scopus.com/sourceid/12346

		Prasad, M. Santhosh					
1	Contrast Enhancement of Satellite Images Based on Lifting Haar Wavelet Transform And Singular Value Decomposition	Dr.P.M.K.Prasad, Dr.Y.Raghavender Rao, Dr.Karri Chiranjeevi	ECE	International Journal of Emerging Trends in Engineering Research	March, 2020	2347-3983	https://www.scopus.com/sourceid/21100913341#tabs=0
1 2	“Multiuser Detection and Channel Estimation for CDMA System under Flat Fading Channels”,	Guntu Nooka Raju, Srinivasa Rao K, Bethapudi Ratnakanth	ECE	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-4, February 2020, 2884, SCOPUS Indexed, DOI: 0.35940/ijitee.D1614.029420	Feb.,2020	2278-3075	
2019							
1	Multiuser Detection using NOMA Technique in FD-MC-CDMA System in Fading Channels	Guntu Nooka Raju, Muddapu V Tirupathamma, K Srinivasa Rao	ECE	International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-9 Issue-2, December 2019, 3247, SCOPUS Indexed, DOI: 10.35940/ijitee.B7774.129219	Dec,2019	2278-3075	https://www.scopus.com/sourceid/21100889409
2	GPS Receiver Position Interpretation using Single Point PVT Estimation Algorithm	P. Sirish Kumar, L. Ganesh, Ashok Kumar. N, V.B.S Srilatha Indira Dutt	ECE	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Dec,2019	2278-3075	https://www.scopus.com/sourceid/21100889409
3	Design of high speed low power domino logic for wide fan in gates	Kosuri Bhavani , Divya Sathi Balaga , Ravindra Kumar Moningi	ECE	IOSR Journal of VLSI and Signal Processing (IOSR-JVSP)	Jul. - Aug. 2019	e-ISSN: 2319 – 4200, p-ISSN No. : 2319 – 4197	

4	“Subthreshold Region based linear feedback shift register”	B. Lakshmi, M. Kamaraju, K.Babulu	ECE	International Journal of engineering and advanced technology,8(6S2),	Aug.,2019	2249-8958	https://www.scopus.com/sourceid/21100899502
5	" Super Resolution Subspace based ROOT-MUSIC Technique for Direction of Arrival Evaluation in MIMO Radar"	NVSV Vijaya Kumar , K. Raja Rajeswari, P. Rajesh Kumar	ECE	International journal of Innovative Technology and Exploring Engineering (IJITEE), Volume 8, Issue 9, July 2019, pp 1643-1646.	July,2019	2278-3075	https://www.scopus.com/sourceid/21100889409
6	“Design and Implementation of high speed counters using “MUX based full Adder(MFA)””	G.P.S.Prashanthi, K.V Jyothi	ECE	IOSR Journal of Electronics and Communication Engineering (IOSR-JECE),14(4), ser-I, pp-57-64	volume 14, Issue 4, July 2019	2278-2834	
7	“Design and Implementation of positive feedback comparator in terms of power and delay”,	M.Mani Kumari, K.L akshmi	ECE	IOSR Journal of VLSI and Signal Processing(IOSR-JVSP),9(4),pp.10-17,	e-ISSN :2319-4200,P-ISSN:2319-4200,July 2019	2319-4200	
8	“SRAM based Look Up table design using Multiple valued Logic”,	M.ManiKumari, Prof.K. Padmapriya	ECE	Journal of Adv in Dynamical & Control Systems,11(7)-special issue.	Volume11-07 special issue,June-2019	1943-023X	https://www.scopus.com/sourceid/20500195215
9	“A Novel Estimation algorithm for torpedo tracking in undersea environment”	D.V.A.N.Ravi Kumar, S.Koteswara Rao and K.Padma Raju	ECE	Journal of Central South University, Vol. 26, No.3,pp.673-683,	April,2019	2095-2899(print) 2227-5223	https://mjl.clarivate.com/search-results?issn=2095-2899&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
10	“Noise Reduction in ECG Signals for Biotelemetry”	V.J.Naveen, K.M.Krishna and K.Rajarajeswari	ECE	International Journal of Electrical and Computer Engineering, 9(2),pp.1028-1035,	Feb,2019	2088-8708	https://www.scopus.com/sourceid/21100373959
1	“Wavelet Feature	P.M.K.Pras	ECE	ARPN Journal	Feb,2019	1819-6608	https://www.scopus.com/sourceid/21100373959

1	Extraction Based Human Iris Recognition”	ad		of Engineering and Applied Sciences, 14(4), pp.842-847 ,Feb.2019.			s.com/sourceid/21100200825
2018							
1	Design of test module for embedded system using psoc	B. V. Lakshmi	ECE	(i-manager’s Journal on Communication Engineering and Systems,	1August - October 2018	ISSN Print: 2277-5102 ISSN Online: 2277-5242	
2	“BER Estimation in UPMC System for Wireless Communications”	V.J.Naveen, K.M.Krishna and Dr.K.Rajarajeswari	ECE	Journal of advanced research in dynamical & control systems” 10(12),special issue 294-299,	special issue,2018	1943-023X	https://www.scopus.com/sourceid/20500195215
3	"Cognitive radio spectrum sensing detection methods using MATLAB simulink"	B.Vijaya Lakshmi and P.Siddaiah	ECE	Journal of advances in communication engineering and its innovations, 3(2),	June,2018	ISSN 2457-0818	
4	"Spectrum sensing in cognitive radio using MIMO technique"	B.Vijaya Lakshmi and P.Siddaiah	ECE	International Journal of research in electrical, electronics and communication engineering, 3(2),1-8,	June,2018	ISSN 2457-0818	
5	"Design and implementation of non-perfect reconstruction biorthogonal wavelets for edge detection of X-ray images"	P.M.K.Prasad , G,S.Rao,M. N.V.S.S.Kumar and K.Chiranjeevi	ECE	International Journal of Data Science, 3(1),50-66, March.,	Mar.,2018	2053-0811,2053-082X	
6	"Machine learning in automated intelligent surveillance system"	G.Sree Lakshmi and CH.Sirisha	ECE	International journal of electrical communication engineering, 4(1),1-7	2018		
7	Non cooperative Game theory–Cognitive Radio	B. V. Lakshmi and Dr. P. Siddaiah.	ECE	Journal of Wireless communication, Networks and Mobile Engineering Technology[M ANTECH	Volume 3 Issue 1, 2018	ISSN 2457-0818	

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8	Anfis Based Power Control for Cognitive Radio.	B. V. Lakshmi and Dr. P. Siddaiah	ECE	Journal of Wireless communication, Networks and Mobile Engineering Technology	Volume 3 Issue 1, 2018	ISSN 2457-0818	
9	"Smart parking management and reservation system based on PHP webserver"	L. Yamuna Rani and P.V.K.Chaitanya	ECE	International journal of electrical communication engineering, 4(1),1-10,	Jan, 2018	NO	
2017							
1	"Reduction of sidelobes of radar signals for complementary code using swarm optimization"	G.T..Rao , P.R.kumar and Dr.K.Rajarajeswari	ECE	International Journal of current research and review, 9(22),35-38,	Nov,2017	2231-2196,0975-5241	
2	"Performance Evaluation of a Novel Hybrid Stochastic Algorithm while Tracking an Underwater Moving Target"	D.V.A.N.Ravi Kumar , S.Koteswara Rao and K.Padma Raju	ECE	International Journal of Pure and Applied Mathematics, Vol. 117 Issue 18, 373-378,	oct.,2017	1311-8080,1314-3395	
3	"Estimate Merge Technique Based Algorithms to Track an Underwater Moving Target using Towed Array's Bearing-Only Measurements"	D.V.A.N.Ravi Kumar , S.Koteswara Rao and K.Padma Raju	ECE	Sadhana, Vol. 42, Issue 9, 1617-1628,	sep.,2017	0256-2499,0973-7677	https://mjl.clarivate.com/search-results?issn=0256-2499&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
4	" Low Power and Resource Efficient IFO Estimation with High Speed Architecture"	R.Roopaa Sree and CH.Sirisha	ECE	International Journal of Applied Sciences, Engineering and Management", 6(4): 23-29,	July,2017	2320-3439	
5	" Dynamic feedback control 10T SRAM Cell"	V.L.Mounika and M.Mani Kumari	ECE	International Journal of Applied sciences, Engineering and Management, 6(4): 17-22,	July,2017	2320-3439	
6	"Performance analysis of MIMO-OFDM using	K.Srinivasa Rao and	ECE	International journal of	May,2017	0975-6450	

	NCT companding Transform"	N.Roopavathi		electronics engineering research			
7	"Contineous Motorcycle Handle control monitoring system"	M.Charita, S.Mnisha, R.Ramyasai, S.R.Ramani and R.Jalaja	ECE	International journal of engineering science and innovative technology(IJESIT), 6(3),	May,2017	2319-5967	
8	Dynamic spectrum allocation using Genetic algorithms	B. V. Lakshmi and Dr. P. Sidaiah	ECE	Anu journal	Mar-17	March 24 and 25, ISSN: 0976-3414, 2017	
9	" Low Power Adiabatic Logic Design"	G.P.S.Prasanthi ,N.N.Sirisha and N.A.Reddy	ECE	IOSR Journal of Electronics and Communication Engineering, 12(1),28-34,	volume 12, Issue 1,Jan.,2017	p-ISSN 2278-8735,e ISSN 2278-2834	
2016							
1	"Cooperative Spectrum sensing technique based on blind detection method"	B.Vijaya Lakshmi and P.Sidaiah	ECE	International Journal of Advanced Engineering, Management and Science, 2(10),1772-1776,	Vol-2, Issue-10,oct, 2016.	2454-1311	
2	" A Probably Secure Arm Based Health Monitoring System Through Hybrid Cryptography Using Embedded System"	CH.Sirisha and N.Nidigatti	ECE	,International Journal Of Advanced Research In Electronics and Communication Engineering,5(9):2286-2292,	sept.,2016	2278-909X	
3	" Design And Fabrication Of S-Band MIC Power Amplifier"	N.Neeraja, P.V.K.Chaitanya and Dr.K.C.B.Rao	ECE	International Journal On Cybernetics & Informatics, 5(4),55-64,	Aug,2016	2320-8430,2277-548X	
4	"Low Voltage High Accurate Current Mode Analog Multiplier"	D.Sushma and I.Lavanya	ECE	International Journal of Computer Engineering In Research Trends, 3(8),447-453,	Aug,2016	2349-7084	
5	"Analog and Digital PLL with Single Ended Ring VCO for "Full Swing Symmetrical Even Phase Outputs"	M.D.Vankala and G.P.S.Prasanthi	ECE	International Journal of Computer Engineering In Research	Volume 3, Issue 8, aug.,2016	2349-7084	

				Trends, 3(8),441-446,			
6	"A Novel Stochastic Estimator using Pre-Processing Technique for Long Range Target Tracking in heavy Noise Environment"	D.V.A.N.Ravi Kumar, S.Koteswara Rao and K.Padma Raju	ECE	Optik,vol.127,n o.10,pp.4520-4530,2016.	May,2016	0030-4026	https://mjl.clarivate.com/search-results?issn=0030-4026&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
7	Genetic Algorithm Approach for cognitive radio technology	B.Vijayalakshmi , K. Harika ² ,A.Srujana ³ ,J.Mounika ⁴ ,K.Darshana	ECE	International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE)	Apr-16	ISSN: 2278 – 909X	
8	"Integrated Unscented Kalman filter for underwater passive target tracking with towed array measurements"	D.V.A.N.Ravi Kumar, S.Koteswara Rao and K.Padma Raju	ECE	Optik,vol.127,n o.5,pp.2840-2847,2016.	Mar,2016	0030-4026	https://mjl.clarivate.com/search-results?issn=0030-4026&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
9	"Speech to Text Conversion Using HMM, International"	G.P.S.Prasanthi, K.Sirisha, G.Ramya and B. Padma	ECE	Journal of Advanced Research in Electronics and Communication Engineering, 5(3):557-560, 2016.	Volume 5, Issue 3, March 2016	2278-909X	
10	"Effect of varying parameters on the characteristics of rectangular patch antenna"	K.Sreelakshmi, A.Geethama dhuri, Ch.Jyothsna, L.Sreedevi and G.Umabhara thi	ECE	International Journal of Advanced Research in Electrical Electronics and Instrumentation Engineering, 5(3):1326-1335, 2016.	March,2016	2278-8875	
11	5G Mobile Technology: A survey.	B. V. Lakshmi and Dr. P. Siddaiah	ECE	. Journal of Electronics and Tele-communications	Volume 1 Issue 3 2016	ISSN 2457-0818	

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1 2	"Fused Kalman Filter for a Constant Turn Radar"	K.C.B. Rao, T.Seshagiri Prasad and PVK Chaitanya	ECE	International Journal of Emerging technology and Advanced Engineering, 6(2):72-77, 2016.	February,2016	ISSN 2250 – 2459	
1 3	Fuzzy Logic Based Spectrum Accessing For Cognitive Radio.	B. V. Lakshmi and Dr. P. Siddaiah	ECE	Journal of Electronics and Tele-communications Engineering,	Volume 1 Issue 2, 2016	ISSN 2457-0818	
2015							
1	VLSI Implementation of an Optimized Flexible Spectrum Sensing Scheme for Cognitive Radio	AKHILA SUDHA , B. VIJAYA LAKSHMI	ECE	Inter national journal of VLSI SYSTEMS AND COMMUNICATIONS(IJVDO S	Dec-2015	2322-0929	
2	"Underwater Bearings-only passive Tangent Tracing using Estimate fusion Technique"	D.V.A.N. Ravi kumar, S.Koteswara Rao and K.Padma Raju	ECE	Advances in Military Technology, 10(2), pp :31-44, 2015.	Dec,2015	1802-2308	https://www.scopus.com/sourceid/19700175603
3	"Boostable Repeater Design with Dual Adaptive Supply Voltage for VLSI Interconnects"	N.Devi Alekhya and M. Mani Kumari	ECE	International Journal of Advanced Engineering and Research Development, 2(11), 2015.	Volume2 Issue11 November-2015	2348-4470	
4	"Pulse Triggered Flip Flop design by using Adiabatic Logic"	G.Srikaladevi and K.Sreelakshmi	ECE	International Journal of Advance Engineering and Research Development, 2(10): 103-108, 2015.	November, 2015	2348-6406	
5	"Performance optimization of dynamic and domino logic carry lookahead adder using CNTFET in 32nm Technology"	A.Nagalakshmi and Ch.Sirisha	ECE	IOSR.J. VLSI & Sig Processing, 5(5): 1-9, 2015.	Sep - Oct.2015	2319 – 4197	
6	"Design Of Aperture Coupled Rectangular Microstrip Patch	K.Srelakshmi, D.HariPriya,	ECE	International Journal For Scientific	February,2015	EISSN:2321-0613	

	Antenna to Operate in S-Band at 2.25 GHz"	K.L.Pallavi Rao, B.V.Priyanka and D.Geetha		Research & Development, 2(12): 617-620, 2015.			
7	"Enriched Pole Positioning Technique for Audio Applications"	G.P.S Prasanthi , V.Parimala, G.Bhavana, Sk.Shermila and V.Nalini	ECE	International Journal of Scientific Research and Development, 3(1), 2015.	Volume 3, Issue 1, 2015	2321-0613	
2014							
1	"Automatic Classification of Power Quality Events using Balanced Neural Tree"	R.Jalaja,M. Biswal and S.Mishra.	ECE	IEEE Transactions. Industrial Electronics, 61(1): 521-30,	Jan,2014	2780046	https://www.scopus.com/sourceid/26053
2	"Side lobe Rejection in a Uniform Linear Array Antenna Using Windowing Techniques"	L.Sarika , P.Nandini, S.Bharathi, Y.Dhanalakshmi and S. Suresh.	ECE	International Journal of Engineering Research & Technology, 3(4): 46-50.	May,2014	2321-7308	
3	"Performance Evaluation Of Non Linear Companding Transform MIMO-OFDM"	K.Srinivasa Rao and B.Prabhakar arao	ECE	International Journal of Computer Applications, 95(11): 30-34.	June,2014	0975 – 8887	
4	"Low-Power Low transition test pattern generator in logic BIST schemes"	G.Naga Seeta and Ch. Sirisha	ECE	International Journal of Scientific & Engineering Research, 5(9), 2014.	October, 2014	2249 – 6556	
5	"Power Efficient Enhanced Dual Dynamic Hybrid Flip-Flop"	B.Kavitha Devi and P.V.K. Chaitanya	ECE	International Journal of VLSI and Embedded Systems, 5: 1194-98, 2014.	September, 2014	2249 – 6556	
6	"Low power and high performance VLSI interconnects by Schmitt Trigger technique in Nano scale regime"	R.S.G. Bhavani, M.Manikumar and K.Padma Priya,	ECE	International Journal of VLSI & signal processing, 4(5): 42-47, 2014.	Volume4 Issue5 VerII (Sep-oct 2014)	2319 – 4197	
7	"Non-Linear Companding Transform Aided MIMO-OFDM Systems"	K.Srinivasa Rao and B.Prabhakar a Rao	ECE	Journal of Electronics and Communication Engineering, 9(5): 22-30, 2014.	Oct,2014	2278-8735	

8	"Interconnect delay and power optimization using Schmitt trigger as alternate approach to buffer insertion"	R.S.G. Bhavani and M.Manikumar	ECE	International Journal of Science and Research, 3(10): 484-88, 2014.	Volume 3 Issue 10 October 2014	2319-7064	
9	"Power efficient and noise immune domino logic for wide fan in gates"	K.Venkata kshmi and B.Lakshmi	ECE	International Journal of Advanced Research in Electrical & Electronics & Instrumentation Engineering, 3(10): 12692-99, 2014.	October,2014	2278 – 8875	
10	"Low Power Design of Schmitt Trigger Based SRAM Cell Using NBTI Technique"	M.Padmaja and N.V. Maheswara Rao	ECE	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, 3(10): 16664-70, 2014.	October,2014	2278 – 8875	
11	"Realization of Low Power and High Speed Parallel Prefix Adders"	V.Jyothi and K. Sreelakshmi	ECE	International Journal of Scientific Engineering & Technology Research 3(31):6147-52, 2014.	March2014	6147-6152	
12	"Design and Development of ADIOS Based Pulse Input Counter Module for MPROGICON – 5000 PLC SYSTEMS"	K.Sandhya, B.Vijayalakshmi and Y.Gowri Sankar	ECE	International Journal of Advanced Research in Science & Technology, 3(3): 172-74, 2014.	March,2014	2320-1126	
13	"Gdi Technique Based Carry Look Ahead Adder Design"	G.Naga Durga and D.V.A.N Ravi Kumar	ECE	IOSR Journal of VLSI and Signal Processing, 4(6), pp: 1-9, 2014.	Nov - Dec,2014	2319 – 4197	
14	"Anomalous behavior of very low frequency signals during earthquake events"	T. Madhavi Latha, P.Peddi Naidu, D N Madhusudhana Rao and M. Indira	ECE	Indian Journal of Radio Space Physics, 43: 333-39, 2014.	Dec,2014	0367-8393	https://www.scopus.com/sourceid/4800153103

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