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1	ROGUE WAVE AND COMBINED BREATHER WITH REPEATEDLY EXCITED BEHAVIORS IN THE DISPERSION/DIFFRACTION DECREASING MEDIUM By: WANG, YY; DAI, CQ; ZHOU, GQ; et.al Source: NONLINEAR DYNAMICS 87 (1): 67-73 JAN 2017 Research Fields: ENGINEERING	Times Cited: 12  Research Front
2	A REVIEW FOR DYNAMICS IN NEURON AND NEURONAL NETWORK By: MA, J; TANG, J; Source: NONLINEAR DYNAMICS 89 (3): 1569-1578 AUG 2017 Research Fields: ENGINEERING	Times Cited: 16  Research Front
3	A HYBRID COMPUTATIONAL APPROACH FOR KLEIN-GORDON EQUATIONS ON CANTOR SETS By: KUMAR, D; SINGH, J; BALEANU, D; Source: NONLINEAR DYNAMICS 87 (1): 511-517 JAN 2017 Research Fields: ENGINEERING	Times Cited: 22  Research Front
4	AN EFFICIENT CUBIC SPLINE APPROXIMATION FOR VARIABLE-ORDER FRACTIONAL DIFFERENTIAL EQUATIONS WITH TIME DELAY By: YAGHOOBI, S; MOGHADDAM, BP; IVAZ, K; Source: NONLINEAR DYNAMICS 87 (2): 815-826 JAN 2017 Research Fields: ENGINEERING	Times Cited: 9  Research Front
5	NONLINEAR TRANSIENT ISOGEOMETRIC ANALYSIS OF SMART PIEZOELECTRIC FUNCTIONALLY GRADED MATERIAL PLATES BASED ON GENERALIZED SHEAR DEFORMATION THEORY UNDER THERMO-ELECTRO-MECHANICAL LOADS By: PHUNG-VAN, P; TRAN, LV; FERREIRA, AJM; et.al Source: NONLINEAR DYNAMICS 87 (2): 879-894 JAN 2017 Research Fields: ENGINEERING	Times Cited: 12  Research Front






6	CONSTRUCTING CHAOTIC SYSTEMS WITH CONDITIONAL SYMMETRY By: LI, CB; SPROTT, JC; XING, HY; Source: NONLINEAR DYNAMICS 87 (2): 1351-1358 JAN 2017 Research Fields: ENGINEERING	Times Cited: 12
7	ARDUINO-BASED CHAOTIC SECURE COMMUNICATION SYSTEM USING MULTI-DIRECTIONAL MULTI-SCROLL CHAOTIC OSCILLATORS By: PANO-AZUCENA, AD; RANGEL-MAGDALENO, JD; TLELO-CUAUTLE, E; et.al Source: NONLINEAR DYNAMICS 87 (4): 2203-2217 MAR 2017 Research Fields: ENGINEERING	Times Cited: 11
8	FPGA IMPLEMENTATION OF NOVEL FRACTIONAL-ORDER CHAOTIC SYSTEMS WITH TWO EQUILIBRIUMS AND NO EQUILIBRIUM AND ITS ADAPTIVE SLIDING MODE SYNCHRONIZATION By: RAJAGOPAL, K; KARTHIKEYAN, A; SRINIVASAN, AK; Source: NONLINEAR DYNAMICS 87 (4): 2281-2304 MAR 2017 Research Fields: ENGINEERING	Times Cited: 18  ESI Hot
9	NEW (3+1)-DIMENSIONAL EQUATIONS OF BURGERS TYPE AND SHARMA-TASSO-OLVER TYPE: MULTIPLE-SOLITON SOLUTIONS By: WAZWAZ, AM; EL-TANTAWY, SA; Source: NONLINEAR DYNAMICS 87 (4): 2457-2461 MAR 2017 Research Fields: ENGINEERING	Times Cited: 9  Research Front
10	BILINEAR BACKLUND TRANSFORMATION, SOLITON AND PERIODIC WAVE SOLUTIONS FOR A -DIMENSIONAL VARIABLE-COEFFICIENT GENERALIZED SHALLOW WATER WAVE EQUATION By: HUANG, QM; GAO, YT; JIA, SL; et.al Source: NONLINEAR DYNAMICS 87 (4): 2529-2540 MAR 2017	Times Cited: 31  Research Front





11	DYNAMICS OF LIGHT BULLETS IN INHOMOGENEOUS CUBIC-QUINTIC-SEPTIMAL NONLINEAR MEDIA WITH PT -SYMMETRIC POTENTIALS By: DAI, CQ; CHEN, RP; WANG, YY; et.al Source: NONLINEAR DYNAMICS 87 (3): 1675-1683 FEB 2017 Research Fields: ENGINEERING	Times Cited: 21  Research Front
12	TDGL AND MKDV EQUATIONS FOR CAR-FOLLOWING MODEL CONSIDERING TRAFFIC JERK AND VELOCITY DIFFERENCE By: SONG, H; GE, HX; CHEN, FZ; et.al Source: NONLINEAR DYNAMICS 87 (3): 1809-1817 FEB 2017 Research Fields: ENGINEERING	Times Cited: 13  ESI Hot
13	COEXISTENCE OF HIDDEN CHAOTIC ATTRACTORS IN A NOVEL NO-EQUILIBRIUM SYSTEM By: PHAM, VT; VOLOS, C; JAFARI, S; et.al Source: NONLINEAR DYNAMICS 87 (3): 2001-2010 FEB 2017 Research Fields: ENGINEERING	Times Cited: 11  Research Front
14	EXPLICIT SOLITONS IN THE PARABOLIC LAW NONLINEAR NEGATIVE-INDEX MATERIALS By: SONMEZOGLU, A; YAO, M; EKICI, M; et.al Source: NONLINEAR DYNAMICS 88 (1): 595-607 APR 2017 Research Fields: ENGINEERING	Times Cited: 10  Research Front
15	SYNCHRONIZATION BEHAVIOR OF COUPLED NEURON CIRCUITS COMPOSED OF MEMRISTORS By: REN, GD; XU, Y; WANG, CN; Source: NONLINEAR DYNAMICS 88 (2): 893-901 APR 2017 Research Fields: ENGINEERING	Times Cited: 13  Research Front





16	PATTERN DYNAMICS OF A GIERER-MEINHARDT MODEL WITH SPATIAL EFFECTS By: SUN, GQ; WANG, CH; WU, ZY; Source: NONLINEAR DYNAMICS 88 (2): 1385-1396 APR 2017 Research Fields: ENGINEERING	Times Cited: 21  Research Front
17	MODULATION INSTABILITY, CONSERVATION LAWS AND SOLITON SOLUTIONS FOR AN INHOMOGENEOUS DISCRETE NONLINEAR SCHRÖDINGER EQUATION By: HAO, HQ; GUO, R; ZHANG, JW; Source: NONLINEAR DYNAMICS 88 (3): 1615-1622 MAY 2017 Research Fields: ENGINEERING	Times Cited: 16  Research Front
18	DYNAMICS IN PHASE TRANSITIONS OF TASEP COUPLED WITH MULTI-LANE SEPS By: WANG, YQ; JIANG, R; WU, QS; Source: NONLINEAR DYNAMICS 88 (3): 1631-1641 MAY 2017 Research Fields: ENGINEERING	Times Cited: 10  Research Front
19	DYNAMICS IN MULTI-LANE TASEPS COUPLED WITH ASYMMETRIC LANE-CHANGING RATES By: WANG, YQ; JIA, B; JIANG, R; et.al Source: NONLINEAR DYNAMICS 88 (3): 2051-2061 MAY 2017 Research Fields: ENGINEERING	Times Cited: 11  Research Front
20	QUASIPERIODIC WAVES, SOLITARY WAVES AND ASYMPTOTIC PROPERTIES FOR A GENERALIZED (3+1)-DIMENSIONAL VARIABLE-COEFFICIENT B-TYPE KADOMTSEV-PETVASHVILI EQUATION By: WANG, XB; TIAN, SF; FENG, LL; et.al Source: NONLINEAR DYNAMICS 88 (3): 2265-2279 MAY 2017 Research Fields: ENGINEERING	Times Cited: 10  Research Front






21	TWO-MEMRISTOR-BASED CHUAS HYPERCHAOTIC CIRCUIT WITH PLANE EQUILIBRIUM AND ITS EXTREME MULTISTABILITY	Times Cited: 9
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22	LEAST-SQUARES-BASED ITERATIVE AND GRADIENT-BASED ITERATIVE ESTIMATION ALGORITHMS FOR BILINEAR SYSTEMS	Times Cited: 9  Research Front
	By: LI, MH; LIU, XM; DING, F; Source: NONLINEAR DYNAMICS 89 (1): 197-211 JUL 2017 Research Fields: ENGINEERING	
23	SOLITON DYNAMICS IN THE THREE-SPINE -HELICAL PROTEIN WITH INHOMOGENEOUS EFFECT	Times Cited: 13  Research Front
	By: KONG, LQ; LIU, J; JIN, DQ; et.al Source: NONLINEAR DYNAMICS 87 (1): 83-92 JAN 2017 Research Fields: ENGINEERING	
24	DYNAMICS AND TRAJECTORY TRACKING CONTROL OF COOPERATIVE MULTIPLE MOBILE CRANES	Times Cited: 24
	By: QIAN, S; ZI, B; DING, HF; Source: NONLINEAR DYNAMICS 83 (1-2): 89-108 JAN 2016 Research Fields: ENGINEERING	
25	GAUSSIAN SOLITARY WAVE SOLUTIONS FOR NONLINEAR EVOLUTION EQUATIONS WITH LOGARITHMIC NONLINEARITIES	Times Cited: 39  Research Front
	By: WAZWAZ, AM; Source: NONLINEAR DYNAMICS 83 (1-2): 591-596 JAN 2016 Research Fields: ENGINEERING	






26	DYNAMICAL ANALYSIS OF A SIMPLE AUTONOMOUS JERK SYSTEM WITH MULTIPLE ATTRACTORS By: KENGNE, J; NJITACKE, ZT; FOTSIN, HB; Source: NONLINEAR DYNAMICS 83 (1-2): 751-765 JAN 2016 Research Fields: ENGINEERING	Times Cited: 34  Research Front
27	INFLUENCE OF ISOLATION DEGREE OF SPATIAL PATTERNS ON PERSISTENCE OF POPULATIONS By: SUN, GQ; WU, ZY; WANG, Z; et.al Source: NONLINEAR DYNAMICS 83 (1-2): 811-819 JAN 2016 Research Fields: ENGINEERING	Times Cited: 74  Research Front
28	CHAOTIC AND PERIODIC BURSTING PHENOMENA IN A MEMRISTIVE WIEN-BRIDGE OSCILLATOR By: WU, HG; BAO, BC; LIU, Z; et.al Source: NONLINEAR DYNAMICS 83 (1-2): 893-903 JAN 2016 Research Fields: ENGINEERING	Times Cited: 21  Research Front
29	NOVEL INTEGRAL INEQUALITY APPROACH ON MASTER-SLAVE SYNCHRONIZATION OF CHAOTIC DELAYED LURE SYSTEMS WITH SAMPLED-DATA FEEDBACK CONTROL By: SHI, KB; LIU, XZ; ZHU, H; et.al Source: NONLINEAR DYNAMICS 83 (3): 1259-1274 FEB 2016 Research Fields: ENGINEERING	Times Cited: 21  Research Front
30	A NEW INTEGRABLE ()-DIMENSIONAL KDV-LIKE MODEL WITH ITS MULTIPLE-SOLITON SOLUTIONS By: WAZWAZ, AM; EL-TANTAWY, SA; Source: NONLINEAR DYNAMICS 83 (3): 1529-1534 FEB 2016 Research Fields: ENGINEERING	Times Cited: 24  Research Front






31	ROBUST EXTENDED CHAOTIC MAPS-BASED THREE-FACTOR AUTHENTICATION SCHEME PRESERVING BIOMETRIC TEMPLATE PRIVACY By: JIANG, Q; WEI, FS; FU, S; et.al Source: NONLINEAR DYNAMICS 83 (4): 2085-2101 MAR 2016 Research Fields: ENGINEERING	Times Cited: 39  Research Front
32	SPATIOTEMPORAL LOCALIZATIONS IN -DIMENSIONAL -SYMMETRIC AND STRONGLY NONLOCAL NONLINEAR MEDIA By: DAI, CQ; WANG, YY; Source: NONLINEAR DYNAMICS 83 (4): 2453-2459 MAR 2016 Research Fields: ENGINEERING	Times Cited: 60  Research Front
33	NONLINEAR DYNAMICS FOR LOCAL FRACTIONAL BURGERS EQUATION ARISING IN FRACTAL FLOW By: YANG, XJ; MACHADO, JAT; HRISTOV, J; Source: NONLINEAR DYNAMICS 84 (1): 3-7 SP. ISS. SI APR 2016 Research Fields: ENGINEERING	Times Cited: 47  Research Front
34	CHAOS-BASED ENGINEERING APPLICATIONS WITH A 3D CHAOTIC SYSTEM WITHOUT EQUILIBRIUM POINTS By: AKGUL, A; CALGAN, H; KOYUNCU, I; et.al Source: NONLINEAR DYNAMICS 84 (2): 481-495 APR 2016 Research Fields: ENGINEERING	Times Cited: 23  Research Front
35	PREDICTION FOR BREAKUP OF SPIRAL WAVE IN A REGULAR NEURONAL NETWORK By: MA, J; XU, Y; REN, GD; et.al Source: NONLINEAR DYNAMICS 84 (2): 497-509 APR 2016 Research Fields: ENGINEERING	Times Cited: 29  Research Front





36	SOLITONS AND OTHER SOLUTIONS TO BOUSSINESQ EQUATION WITH POWER LAW NONLINEARITY AND DUAL DISPERSION By: EKICI, M; MIRZAZADEH, M; ESLAMI, M; Source: NONLINEAR DYNAMICS 84 (2): 669-676 APR 2016 Research Fields: ENGINEERING	Times Cited: 31  Research Front
37	LUMP SOLUTIONS TO DIMENSIONALLY REDUCED -GKP AND -GBKP EQUATIONS By: MA, WX; QIN, ZY; LU, X; Source: NONLINEAR DYNAMICS 84 (2): 923-931 APR 2016 Research Fields: ENGINEERING	Times Cited: 41  Research Front
38	RECURSIVE LEAST SQUARES ALGORITHM AND GRADIENT ALGORITHM FOR HAMMERSTEIN-WIENER SYSTEMS USING THE DATA FILTERING By: WANG, YJ; DING, F; Source: NONLINEAR DYNAMICS 84 (2): 1045-1053 APR 2016 Research Fields: ENGINEERING	Times Cited: 34  Research Front
39	SPATIOTEMPORAL HERMITE-GAUSSIAN SOLITONS OF A (3+1)-DIMENSIONAL PARTIALLY NONLOCAL NONLINEAR SCHRÖDINGER EQUATION By: DAI, CQ; WANG, Y; LIU, J; Source: NONLINEAR DYNAMICS 84 (3): 1157-1161 MAY 2016 Research Fields: ENGINEERING	Times Cited: 49  Research Front
40	JACOBI SPECTRAL COLLOCATION APPROXIMATION FOR MULTI-DIMENSIONAL TIME-FRACTIONAL SCHRÖDINGER EQUATIONS By: BHRAWY, AH; ALZAIDY, JF; ABDELKAWY, MA; et.al Source: NONLINEAR DYNAMICS 84 (3): 1553-1567 MAY 2016 Research Fields: ENGINEERING	Times Cited: 27






41	OPTICAL SOLITONS WITH BISWAS-MILOVIC EQUATION BY EXTENDED TRIAL EQUATION METHOD By: ZHOU, Q; EKICI, M; SONMEZOGLU, A; et.al Source: NONLINEAR DYNAMICS 84 (4): 1883-1900 JUN 2016 Research Fields: ENGINEERING	Times Cited: 34  Research Front
42	STABILITY ITERATIVE METHOD FOR STRUCTURAL RELIABILITY ANALYSIS USING A CHAOTIC CONJUGATE MAP By: KESHTEGAR, B; Source: NONLINEAR DYNAMICS 84 (4): 2161-2174 JUN 2016 Research Fields: ENGINEERING	Times Cited: 22  Research Front
43	THE INFINITE-SCROLL ATTRACTOR AND ENERGY TRANSITION IN CHAOTIC CIRCUIT By: LI, F; YAO, CG; Source: NONLINEAR DYNAMICS 84 (4): 2305-2315 JUN 2016 Research Fields: ENGINEERING	Times Cited: 27  Research Front
44	MATHEMATICAL MODELING OF POPULATION DYNAMICS WITH ALLEE EFFECT By: SUN, GQ; Source: NONLINEAR DYNAMICS 85 (1): 1-12 JUL 2016 Research Fields: ENGINEERING	Times Cited: 54  Research Front
45	INVARIANCE OF LYAPUNOV EXPONENTS AND LYAPUNOV DIMENSION FOR REGULAR AND IRREGULAR LINEARIZATIONS By: KUZNETSOV, NV; ALEXEEVA, TA; LEONOV, GA; Source: NONLINEAR DYNAMICS 85 (1): 195-201 JUL 2016 Research Fields: ENGINEERING	Times Cited: 26





46	STUDY OF LUMP DYNAMICS BASED ON A DIMENSIONALLY REDUCED HIROTA BILINEAR EQUATION By: LU, X; MA, WX; Source: NONLINEAR DYNAMICS 85 (2): 1217-1222 JUL 2016 Research Fields: ENGINEERING	Times Cited: 46  Research Front
47	MODEL OF ELECTRICAL ACTIVITY IN A NEURON UNDER MAGNETIC FLOW EFFECT By: LV, M; WANG, CN; REN, GD; et.al Source: NONLINEAR DYNAMICS 85 (3): 1479-1490 AUG 2016 Research Fields: ENGINEERING	Times Cited: 52  Research Front
48	NEW ACOUSTIC WAVE BEHAVIORS TO THE DAVEY-STEWARTSON EQUATION WITH POWER-LAW NONLINEARITY ARISING IN FLUID DYNAMICS By: BASKONUS, HM; Source: NONLINEAR DYNAMICS 86 (1): 177-183 OCT 2016 Research Fields: ENGINEERING	Times Cited: 26  Research Front
49	CONSTRUCTING LUMP SOLUTIONS TO A GENERALIZED KADOMTSEV-PETVIASHVILI-BOUSSINESQ EQUATION By: LU, X; CHEN, ST; MA, WX; Source: NONLINEAR DYNAMICS 86 (1): 523-534 OCT 2016 Research Fields: ENGINEERING	Times Cited: 25  Research Front
50	ANALYTICAL STUDY OF SOLITONS IN NON-KERR NONLINEAR NEGATIVE-INDEX MATERIALS By: ZHOU, Q; MIRZAZADEH, M; EKICI, M; et.al Source: NONLINEAR DYNAMICS 86 (1): 623-638 OCT 2016 Research Fields: ENGINEERING	Times Cited: 36  Research Front





51	VECTOR SPATIOTEMPORAL LOCALIZED STRUCTURES IN (31)-DIMENSIONAL STRONGLY NONLOCAL NONLINEAR MEDIA By: DAI, CQ; FAN, Y; ZHOU, GQ; et.al Source: NONLINEAR DYNAMICS 86 (2): 999-1005 OCT 2016 Research Fields: ENGINEERING	Times Cited: 35  Research Front
52	COEXISTING INFINITELY MANY ATTRACTORS IN ACTIVE BAND-PASS FILTER-BASED MEMRISTIVE CIRCUIT By: BAO, BC; JIANG, T; XU, Q; et.al Source: NONLINEAR DYNAMICS 86 (3): 1711-1723 NOV 2016 Research Fields: ENGINEERING	Times Cited: 26  ESI Hot
53	EXACT OPTICAL SOLITONS IN METAMATERIALS WITH CUBIC-QUINTIC NONLINEARITY AND THIRD-ORDER DISPERSION By: ZHOU, Q; LIU, L; LIU, YX; et.al Source: NONLINEAR DYNAMICS 80 (3): 1365-1371 MAY 2015 Research Fields: ENGINEERING	Times Cited: 52  Research Front
54	ADAPTIVE SYNCHRONIZATION OF FRACTIONAL-ORDER MEMRISTOR-BASED NEURAL NETWORKS WITH TIME DELAY By: BAO, HB; PARK, JH; CAO, JD; Source: NONLINEAR DYNAMICS 82 (3): 1343-1354 NOV 2015 Research Fields: ENGINEERING	Times Cited: 43  Research Front
55	EFFECT OF MULTI-PHASE OPTIMAL VELOCITY FUNCTION ON JAMMING TRANSITION IN A LATTICE HYDRODYNAMIC MODEL WITH PASSING By: GUPTA, AK; SHARMA, S; REDHU, P; Source: NONLINEAR DYNAMICS 80 (3): 1091-1108 MAY 2015 Research Fields: ENGINEERING	Times Cited: 40  Research Front






56	COMPLEX TRANSIENT DYNAMICS IN PERIODICALLY FORCED MEMRISTIVE CHUAS CIRCUIT By: BAO, BC; JIANG, P; WU, HG; et.al Source: NONLINEAR DYNAMICS 79 (4): 2333-2343 MAR 2015 Research Fields: ENGINEERING	Times Cited: 41  Research Front
57	HYPERCHAOS IN A 4D MEMRISTIVE CIRCUIT WITH INFINITELY MANY STABLE EQUILIBRIA By: LI, QD; ZENG, HZ; LI, J; Source: NONLINEAR DYNAMICS 79 (4): 2295-2308 MAR 2015 Research Fields: ENGINEERING	Times Cited: 48  Research Front
58	PARAMETER ESTIMATION AND CONTROLLER DESIGN FOR DYNAMIC SYSTEMS FROM THE STEP RESPONSES BASED ON THE NEWTON ITERATION By: XU, L; CHEN, L; XIONG, WL; Source: NONLINEAR DYNAMICS 79 (3): 2155-2163 FEB 2015 Research Fields: ENGINEERING	Times Cited: 57  Research Front
59	EXPONENTIAL INPUT-TO-STATE STABILITY OF STOCHASTIC COHEN-GROSSBERG NEURAL NETWORKS WITH MIXED DELAYS By: ZHU, QX; CAO, JD; RAKKIYAPPAN, R; Source: NONLINEAR DYNAMICS 79 (2): 1085-1098 JAN 2015 Research Fields: ENGINEERING	Times Cited: 65  Research Front
60	PHASE DIAGRAM OF A CONTINUUM TRAFFIC FLOW MODEL WITH A STATIC BOTTLENECK By: GUPTA, AK; DHIMAN, I; Source: NONLINEAR DYNAMICS 79 (1): 663-671 JAN 2015 Research Fields: ENGINEERING	Times Cited: 36  Research Front





61	NEW CRITERIA FOR THE ROBUST IMPULSIVE SYNCHRONIZATION OF UNCERTAIN CHAOTIC DELAYED NONLINEAR SYSTEMS By: JI, Y; LIU, XM; DING, F; Source: NONLINEAR DYNAMICS 79 (1): 1-9 JAN 2015 Research Fields: ENGINEERING	Times Cited: 40  Research Front
62	OPTICAL SOLITONS IN MEDIA WITH TIME-MODULATED NONLINEARITIES AND SPATIOTEMPORAL DISPERSION By: ZHOU, Q; ZHU, QP; YU, H; et.al Source: NONLINEAR DYNAMICS 80 (1-2): 983-987 APR 2015 Research Fields: ENGINEERING	Times Cited: 50  Research Front
63	CONTROLLABLE COMBINED PEREGRINE SOLITON AND KUZNETSOV-MA SOLITON IN PT-SYMMETRIC NONLINEAR COUPLERS WITH GAIN AND LOSS By: DAI, CQ; WANG, YY; Source: NONLINEAR DYNAMICS 80 (1-2): 715-721 APR 2015 Research Fields: ENGINEERING	Times Cited: 63  Research Front
64	1-SOLITON SOLUTION OF KDV6 EQUATION By: MIRZAZADEH, M; ESLAMI, M; BISWAS, A; Source: NONLINEAR DYNAMICS 80 (1-2): 387-396 APR 2015 Research Fields: ENGINEERING	Times Cited: 45  Research Front
65	COMPOSITE FUZZY CONTROL OF A CLASS OF UNCERTAIN NONLINEAR SYSTEMS WITH DISTURBANCE OBSERVER By: XU, B; SHI, ZK; YANG, CG; Source: NONLINEAR DYNAMICS 80 (1-2): 341-351 APR 2015 Research Fields: ENGINEERING	Times Cited: 36



66	NUMERICAL SIMULATION FOR TWO-DIMENSIONAL VARIABLE-ORDER FRACTIONAL NONLINEAR CABLE EQUATION By: BHRAWY, AH; ZAKY, MA; Source: NONLINEAR DYNAMICS 80 (1-2): 101-116 APR 2015 Research Fields: ENGINEERING	Times Cited: 78  Research Front
67	ROBUST ADAPTIVE NEURAL CONTROL OF FLEXIBLE HYPERSONIC FLIGHT VEHICLE WITH DEAD-ZONE INPUT NONLINEARITY By: XU, B; Source: NONLINEAR DYNAMICS 80 (3): 1509-1520 MAY 2015 Research Fields: ENGINEERING	Times Cited: 72  Research Front
68	ENVELOPE BRIGHT- AND DARK-SOLITON SOLUTIONS FOR THE GERDJKOV-IVANOV MODEL By: LU, X; MA, WX; YU, J; et.al Source: NONLINEAR DYNAMICS 82 (3): 1211-1220 NOV 2015 Research Fields: ENGINEERING	Times Cited: 45  Research Front
69	ADAPTIVE FRACTIONAL-ORDER SWITCHING-TYPE CONTROL METHOD DESIGN FOR 3D FRACTIONAL-ORDER NONLINEAR SYSTEMS By: YIN, C; CHENG, YH; CHEN, YQ; et.al Source: NONLINEAR DYNAMICS 82 (1-2): 39-52 OCT 2015 Research Fields: ENGINEERING	Times Cited: 62  Research Front
70	OPTICAL SOLITONS IN NONLINEAR DIRECTIONAL COUPLERS BY SINE-COSINE FUNCTION METHOD AND BERNOULLI'S EQUATION APPROACH By: MIRZAZADEH, M; ESLAMI, M; ZERRAD, E; et.al Source: NONLINEAR DYNAMICS 81 (4): 1933-1949 SEP 2015 Research Fields: ENGINEERING	Times Cited: 70  Research Front

71	SOME DISCUSSIONS ABOUT VARIABLE SEPARATION OF NONLINEAR MODELS USING RICCATI EQUATION EXPANSION METHOD By: KONG, LQ; DAI, CQ; Source: NONLINEAR DYNAMICS 81 (3): 1553-1561 AUG 2015 Research Fields: ENGINEERING	Times Cited: 38  Research Front
72	A REVIEW OF OPERATIONAL MATRICES AND SPECTRAL TECHNIQUES FOR FRACTIONAL CALCULUS By: BHRAWY, AH; TAHA, TM; MACHADO, JAT; Source: NONLINEAR DYNAMICS 81 (3): 1023-1052 AUG 2015 Research Fields: ENGINEERING	Times Cited: 38
73	DARK OPTICAL SOLITONS IN QUADRATIC NONLINEAR MEDIA WITH SPATIO-TEMPORAL DISPERSION By: ZHOU, Q; LIU, S; Source: NONLINEAR DYNAMICS 81 (1-2): 733-738 JUL 2015 Research Fields: ENGINEERING	Times Cited: 35  Research Front
74	SOLITON SOLUTIONS TO RESONANT NONLINEAR SCHRODINGERS EQUATION WITH TIME-DEPENDENT COEFFICIENTS BY TRIAL SOLUTION APPROACH By: MIRZAZADEH, M; ARNOUS, AH; MAHMOOD, MF; et.al Source: NONLINEAR DYNAMICS 81 (1-2): 277-282 JUL 2015 Research Fields: ENGINEERING	Times Cited: 53  Research Front
75	MADELUNG FLUID DESCRIPTION ON A GENERALIZED MIXED NONLINEAR SCHRODINGER EQUATION By: LU, X; Source: NONLINEAR DYNAMICS 81 (1-2): 239-247 JUL 2015 Research Fields: ENGINEERING	Times Cited: 52  Research Front

76	DYNAMICS OF SELF-EXCITED ATTRACTORS AND HIDDEN ATTRACTORS IN GENERALIZED MEMRISTOR-BASED CHUAS CIRCUIT	Times Cited: 41  Research Front
	By: CHEN, M; LI, MY; YU, Q; et.al Source: NONLINEAR DYNAMICS 81 (1-2): 215-226 JUL 2015 Research Fields: ENGINEERING	
77	COHERENTLY COUPLED SOLITONS, BREATHERS AND ROGUE WAVES FOR POLARIZED OPTICAL WAVES IN AN ISOTROPIC MEDIUM	Times Cited: 74  Research Front
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78	FINITE-TIME SYNCHRONIZATION CONTROL FOR UNCERTAIN MARKOV JUMP NEURAL NETWORKS WITH INPUT CONSTRAINTS	Times Cited: 59
	By: SHEN, H; PARK, JH; WU, ZG; Source: NONLINEAR DYNAMICS 77 (4): 1709-1720 SEP 2014 Research Fields: ENGINEERING	
79	SEVERAL GRADIENT-BASED ITERATIVE ESTIMATION ALGORITHMS FOR A CLASS OF NONLINEAR SYSTEMS USING THE FILTERING TECHNIQUE	Times Cited: 59  Research Front
	By: WANG, C; TANG, T; Source: NONLINEAR DYNAMICS 77 (3): 769-780 AUG 2014 Research Fields: ENGINEERING	
80	HIDDEN OSCILLATIONS IN MATHEMATICAL MODEL OF DRILLING SYSTEM ACTUATED BY INDUCTION MOTOR WITH A WOUND ROTOR	Times Cited: 103  Research Front
	By: LEONOV, GA; KUZNETSOV, NV; KISELEVA, MA; et.al Source: NONLINEAR DYNAMICS 77 (1-2): 277-288 JUL 2014 Research Fields: ENGINEERING	

81	A NEW CAR-FOLLOWING MODEL WITH CONSIDERATION OF INTER-VEHICLE COMMUNICATION By: TANG, TQ; SHI, WF; SHANG, HY; et.al Source: NONLINEAR DYNAMICS 76 (4): 2017-2023 JUN 2014 Research Fields: ENGINEERING	Times Cited: 80  Research Front
82	SELECTION OF MULTI-SCROLL ATTRACTORS IN JERK CIRCUITS AND THEIR VERIFICATION USING PSPACE By: MA, J; WU, XY; CHU, RT; et.al Source: NONLINEAR DYNAMICS 76 (4): 1951-1962 JUN 2014 Research Fields: ENGINEERING	Times Cited: 65  Research Front
83	ANALYSES OF THE DRIVERS ANTICIPATION EFFECT IN A NEW LATTICE HYDRODYNAMIC TRAFFIC FLOW MODEL WITH PASSING By: GUPTA, AK; REDHU, P; Source: NONLINEAR DYNAMICS 76 (2): 1001-1011 APR 2014 Research Fields: ENGINEERING	Times Cited: 49  Research Front
84	MULTI-SOLITON SOLUTIONS FOR THE THREE-COUPLED KDV EQUATIONS ENGENDERED BY THE NEUMANN SYSTEM By: ZUO, DW; GAO, YT; MENG, GQ; et.al Source: NONLINEAR DYNAMICS 75 (4): 701-708 MAR 2014 Research Fields: ENGINEERING	Times Cited: 52  Research Front
85	DISCRETE FRACTIONAL LOGISTIC MAP AND ITS CHAOS By: WU, GC; BALEANU, D; Source: NONLINEAR DYNAMICS 75 (1-2): 283-287 JAN 2014 Research Fields: ENGINEERING	Times Cited: 100  Research Front

86	LEAST SQUARES ALGORITHM FOR AN INPUT NONLINEAR SYSTEM WITH A DYNAMIC SUBSPACE STATE SPACE MODEL	Times Cited: 55
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87	ROBUST ADAPTIVE DYNAMIC SURFACE CONTROL DESIGN FOR A FLEXIBLE AIR-BREATHING HYPERSONIC VEHICLE WITH INPUT CONSTRAINTS AND UNCERTAINTY	Times Cited: 51
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