

**List of books updated in CNLD Library Bibliography database**

S. No	Acc. No.	Classification No.	Author(s)	Title
1.	2787	C1.0243	James D. Murray	Mathematical Biology I. An Introduction
2.	2795	C1.0244	Hoppensteadt, Frank C	Analysis and Simulation of Chaotic System
3.	2796	C1.0245	Hans Delfs, Helmut Knebl	Introduction to Cryptography
4.	2800	C1.0246	Kunihiko Kaneko Ichiro Tsuda	Complex Systems: Chaos and Beyond
5.	2801	C1.0247	Polina S. Landa	Regular and Chaotic Oscillations
6.	2804	C1.0248	Johannes Buchmann	Introduction to Cryptography
7.	2814	C1.0249	H. J. Korsch, H. J. Jodl	CHAOS: A Program Collection for the PC
8.	2816	C1.0250	Chen, Guanrong (Ed.)	Controlling chaos and bifurcations in engineering systems
9.	2819	C1.0251	Vadim S. Anishchenko, Vladimir Astakhov, Alexander Neiman, Tatjana Vadivasova, Lutz Schimansky-Geier	Nonlinear Dynamics of Chaotic and Stochastic Systems
10.	2935	C1.0252	Ralph Abraham, Yoshisuke Ueda (Eds.)	The chaos avant-garde: memories of the early days of chaos theory
11.	2936	C1.0253	Wulfram Gerstner Werner M. Kistler	Spiking neuron models: single neurons, populations, plasticity
12.	2939	C1.0254	Menezes, A. J. Van Oorschot, Paul C. Vanstone, Scott A.	Handbook of applied cryptography
13.	2944	C1.0255	Stephen Wiggins	Introduction to Applied Nonlinear Dynamical Systems and Chaos
14.	2955	C1.0256	Zhanybai T. Zhusubaliyev Mosekilde, Erik	Bifurcations and Chaos in Piecewise-Smooth Dynamical Systems
15.	2958	C1.0257	Hendrik Nijmeijer	Synchronization of Mechanical Systems
16.	2975	C1.0259	Hazime Mori, Yoshiki Kuramoto	Dissipative structures and chaos
17.	2979	C1.0260	Katsuhiko Nakamura, Takahisa Harayama	Quantum chaos and quantum dots
18.	3016	C1.0261	Ralph Abraham, Yoshisuke Ueda (Eds.)	The chaos avant-garde: memories of the early days of chaos theory
19.	3019	C1.0262	M. J. Ogorzalek	Chaos and Complexity In Nonlinear Electronic Circuits
20.	3021	C1.0263	Erik Mosekilde, Yuri Maistrenko, Dmitry Postnov(Eds.)	Chaotic synchronization: applications to living systems

21.	3022	C1.0264	Guanrong Chen, Tetsushi Ueta(Eds.)	Chaos In Circuits And Systems
22.	3024	C1.0265	Chai wah wu	Synchronization In Coupled Chaotic Circuits And Systems
23.	3053	C1.0266	Reichl, L. E	The transition to chaos: conservative classical systems and quantum manifestations
24.	3080	C1.0267	Leon O. Chua, Tamas Roska	Cellular Neural Networks and Visual Computing: Foundations and Applications
25.	3264	C1.0268	Hilborn, Robert C.	Chaos And Nonlinear Dynamics: An Introduction For Scientists And Engineers
26.	3268	C1.0269	John S. Banks, Arthur Jones, Valentina Dragan	Chaos: a mathematical introduction
27.	3232	C1.0270	H. Nagashima, Y. Baba	INTRODUCTION TO CHAOS
28.	3234	C1.0271	Paul S Addison	Fractals and Chaos
29.	3283	C1.0272	Neal Koblitz	A Course In Number Theory And Cryptography
30.	3287	C1.0273	Braun, Daniel	Dissipative quantum chaos and decoherence
31.	196	C2.0009	D. K. SINHA (Ed.)	BASICS OF SOLITONS
32.	2097	C2.0202	Scott, Alwyn	Nonlinear science: emergence and dynamics of coherent structures
33.	2791	C2.0203	Michael G. Cottam	Linear And Nonlinear Spin Waves In Magnetic Films And Superlattices
34.	2960	C2.0204	Francis T. S. Yu, Shizhuo Yin	Photorefractive optics: materials, properties, and applications
35.	2961	C2.0205	Robert W.Boyd	Nonlinear Optics
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37.	2970	C2.0207	Kivshar, Agarwal	Optical Solitons
38.	2976	C2.0208	Debnath, Lokenath	Nonlinear partial differential equations for scientists and engineers
39.	2993	C2.0209	David D. Awschalom, Robert A. Buhrman, James M. Daughton, Stephan von Molnar, Michael L. Roukes(Eds.)	Spin electronics
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41.	2827	C2.0211	Burkard Hillebrands, Kamel	Spin Dynamics in Confined Magnetic

			Ounadjela (Eds.)	Structures – Vol II
42.	3284	C2.0212	Govind P. Agrawal	Fiber-optic communication systems
43.	2781	C6.0126	Saul Teukolsky, Brian P. Flannery, William T. Vetterling, and William H. Press	Numerical Recipes in C
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50.	2965	C6.0133	Daniel Dubin	Numerical and analytical methods for scientists and engineers using Mathematica
51.	3157	C6.0134	E V Krishnamurthy, S K Sen	Numerical Algorithms: Computations in Science and Engineering
52.	3158	C6.0135	E V Krishnamurthy, S K Sen	Programming In MATLAB
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56.	2783	C7.0066	Newton	The N-Vortex problem: Analytical Techniques
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58.	2789	C7.0068	M. Lakshmanan, S. Rajasekar	Nonlinear Dynamics: Integrability, Chaos and Patterns
59.	2788	C7.0069	M. Lakshmanan, S. Rajasekar	Nonlinear Dynamics: Integrability, Chaos and Patterns
60.	2815	C7.0070	Ali	Coherent states, Wavelets and their Generalization
61.	1912	C7.0071	L.V. Yakushevich	Nonlinear physics of DNA
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63.	2838	C7.0073	Birkhauser and Pacard	Linear and Nonlinear Aspects Of Vortices in the Ginzburg Landau

				Model
64.	2842	C7.0074	D. D. Stancil	Theory of Magnetostatic Waves
65.	2851	C7.0075	C.J.Pethick & H. Smith	Bose-Einstein Condensation in Dilute Gases
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69.	2951	C7.0079	N. Akhmediev	Nonlinear Dynamics
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73.	2982	C7.0083	Scott	Nonlinear Science
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75.	3017	C7.0085	R. Ball	Nonlinear Dynamics
76.	3020	C7.0086	E. Mosekilde	Topics in Nonlinear Dynamics
77.	3124	C7.0087	H. Kantz, J. Kurths	Nonlinear Analysis Of Physiological Data
78.	3128	C7.0088	G. Radons and R. Neugebauer	Nonlinear Dynamics of Production Systems
79.	3129	C7.0089	L.V. Yakushevich	Nonlinear physics of DNA
80.	3218	C7.0090	T. Schneider	Nonlinear Optics in Tele Communication
81.	3222	C7.0091	M. Tabor	Chaos and Integrability in Nonlinear Dynamics
82.	3237	C7.0092	H. G. Solari et al	Nonlinear Dynamics
83.	3266	C7.0093	S. Zheng	Nonlinear Evolution Equations
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86.	C4.0205	2799	Methods Of Mathematical Finance	Ioannis Karatzas, Steven E. Shreve
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88.	<b>C4.0207</b>	<b>100007</b>	<b>Handbook Of Mathematical Functions</b>	<b>Milton Abramowitz And Irene A. Stegun</b>

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129.	C5.0267	2786	Quantum Physics	Roger G. Newton
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