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1	Linear and nonlinear waves in microstructured solids : homogenization and asymptotic approaches	2021	Igor V. Andrianov, Jan Awrejcewicz, Vladyslav	CRC Press	0095054	TA407 A53 2021
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48	AutoCAD 2023 3D modeling	2022.	Munir M. Hamad.	Mercury Learning & Information	0094185	T386.A97 H363 2023
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53	Collision actions on structures	2023.	Arnold C.Y. Yong, Nelson T.K. Lam, Scott J. Menegon.	CRC Press	0094190	TA354 Y65 2023
54	Combustion engineering	2022	Kenneth M. Bryden, Kenneth W. Ragland, Song-Charng Kong.	CRC Press	0094191	TJ254.5 B67 2022
55	Control of marine vehicles	2021	Karl Dietrich Von Ellenrieder	Springer	0094192	VM605 V66 2021
56	Controlling delayed dynamics : advances in theory, methods and applications	2023	Dimitri Breda, editor	Springer	0094193	TJ223.T5 C66 2023
57	Cruise ship handbook	2023	Markus Aarnio	Springer	0094194	VM381 A27 2023
58	Design and analysis of functionally graded adhesively bonded joints of FRP	2023	Sashi Kanta Panigrahi and Sunil V. Nimje	CRC Press	0094195	TA492.A3 N56 2023
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62	Essentials of heat and fluid flow in porous media	2022	Arunn Narasimhan	Springer ; ANE Books Pvt. Ltd.	0094199	TA418.9.P6 N37 2023
63	Introduction to refrigeration and air conditioning systems : theory and	2023	Allan T. Kirkpatrick.	Springer	0094200	TH7687 K57 2023
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69	Advanced mechanical vibrations : physics, mathematics and applications	2022.	Paolo Luciano Gatti	Crc Press	0094206	TA355 G375 2022
70	Mechanical Measurements	2022	S. P. Venkateshan.	Springer International	0094207	TJ1313 V46 2022
71	Kinesiology : the skeletal system and muscle function	[2023]	Joseph E. Muscolino, DC.	Elsevier	0094343	QP303 M87 2023
72	Introduction to modeling and simulation : a systems approach	2023. ; ©2023	Mark W. Spong.	Wiley	0094344	QA76.9.C65 S66 2023
73	The vortex and the jet : a journey into the beauty and mystery of flight	[2022] ; ©2022	Reiner Decher.	Springer	0094345	TL570 D43 2022
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76	Metrology and instrumentation : practical applications for engineering and	2022	Samir Mekid.	Wiley	0094348	QC88 M38 2022
77	Theory of solid-propellant nonsteady combustion	[2021] ; ©2021	Vasily B. Novozhilov, Boris V. Novozhilov.	Wiley-ASME	0094349	TL785 N68 2021

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79	Transfer phenomena in fluid and heat flows XII : special topic volume with invited peer reviewed papers only	[2021]	edited by Dr. Stanislav Kolisnychenko.	Scientific.Net distributed worldwide by Trans Tech Publications,	0094351	QC185 T73 2021
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82	Engineering elasticity : elasticity with less stress and strain	2022.	Humphrey Hardy.	Springer	0094354	TA418 H373 2022
83	Essentials of mechanical ventilation	2022.	edited by June Hendricks.	American Medical Publishers	0094355	RC87.9 E77 2022
84	Hydrogen in engineering metallic materials : from atomic-level interactions to mechanical properties	2022.	V.G. Gavriljuk, V.M. Shyvaniuk, S.M. Teus.	Springer	0094356	TN690 G38 2022
85	Essentials of mechanical stress analysis	2023.	Amir Javidinejad.	CRC Press	0094357	TA404.8 J38 2023
86	マイクロバブル・ナノバブルの技術と市場2021 = Technology and market of microbubbles and nanobubbles 2021	2021.06	シーエムシー出版編 集部編集	シーエムシー出版	C311995	460 8376 110
87	泡の生成メカニズムと応用展開 = Formation Mechanism and Application of	2017.04	野々村美宗監修	シーエムシー出版	C311996	460 8663

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2	FMCW radar design	2018	M. Jankiraman	Artech House	0092746	TK6575 J36 2018
3	Ultrafine bubbles	c2022	edited by Koichi Terasaka, Kyuichi Yasui, Wataru Kanematsu, Nobuhiro	Jenny Stanford Publishing Pte. Ltd.	0092745	QC161 U48 2022
4	Road vehicle dynamics : fundamentals and modeling with Matlab®	2020.	Georg Rill, Abel Arrieta Castro.	CRC Press	0092744	TL243 R55 2020
5	Rational machines and artificial intelligence	[2021] ; ©2021	Tshilidzi Marwala	Academic Press	0093067	Q335 M37 2021
6	Design of mechanical elements : a concise introduction to mechanical design considerations and calculations	2022.	Prof. Bart Raeymaekers.	Wiley	0092743	TJ230 R34 2022
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9	Sustainable manufacturing and design	[2021] ; ©2021	edited by Kaushik Kumar, Divya Zindani and J. Paulo Davim.	Woodhead Publishing	0093066	TS155.7 S88 2021
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17	Illustrated handbook of fusion technology	2021	authored and edited by 3G E-learning LLC,	3G E-learning LLC	0092738	TK9204 I55 2021
18	Model reduction of complex dynamical systems	[2021] ; ©2021.	Peter Benner [and five others], editors.	Birkhäuser	0093058	Q295 M63 2021
19	Practical audio electronics	2020.	Kevin Robinson.	Routledge, an imprint of the Taylor & Francis Group	0091985	TK7881.4 R624 2020
20	Partial differential equations : analytical models and applications	2020	Victor Henner, Tatyana Belozerova, Alexander Nepomnyashchy.	CRC Press	0092216	QA374 H47 2020
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23	Handbook of welding : processes, control and simulation	2021	António Manuel de Bastos Pereira and Francisco José Gomes da Silva, editors.	Nova Science Publishers, Inc.	0092697	TS227 H36 2021
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25	Data-driven model-free controllers	2022.	Radu-Emil Precup, Raul-Cristian Roman, and Ali Safaei.	CRC Press	0092214	TJ223.P76 P68 2022
26	Ceramic and specialty electrolytes for energy storage devices. Volume II /	2021	edited by Prasanth Raghavan and Jabeen Fatima M. J.	CRC Press	0092213	TK2945.C47 C47 v.2
27	Iterative learning control with passive incomplete information : algorithms design and convergence analysis	2018	Dong Shen	Springer	0092637	TJ217.5 S54 2018
28	Hands-on transfer learning with Python : implement advanced deep learning and neural network models using TensorFlow	©2018	Dipanjan Sarkar, Raghav Bali, Tamoghna Ghosh	Packt Publishing	0092640	QA76.73.P98 S27 2018
29	Transfer learning	2020.	Qiang Yang, Yu Zhang, Wenyuan Dai, Sinno Jialin Pan.	Cambridge University Press	0092203	Q325.5 Y36 2020
30	Acoustic levitation : from physics to	2020	Duyang Zang, editor	Springer	0091611	TA365 A26 2020
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34	Aerodynamics of wind turbines : a physical basis for analysis and design	2020 ; © 2020	Sven Schmitz, Department of Aerospace Engineering, The	John Wiley & Sons, Inc.	0092635	TJ828 S37 2020
35	Flow control through bio-inspired leading-edge tubercles : morphology, aerodynamics, hydrodynamics and	2020.	Daniel T. H. New, Bing Feng Ng, editors.	Springer	0091980	QA925 F56 2020
36	Climate change : what everyone needs to	2018	Joseph Romm	Oxford University	0092634	RA793 R66 2018
37	Handbook of energy audits	2020	Albert Thumann, Terry Niehus, William J. Younger	River Publishers ; Routledge	0092633	TJ163.245 T48 2020
38	進化するファインハブ技術と応用展開	2022.03	化学工学会ファインハブ学会連合著 ; 化学工学会関東支部	化学工学会関東支部	C306685	
39	Wave dynamics	2022	editors, Snehashish Chakraverty, National Institute of Technology, Rourkela, India, Perumandla Karunakar, Ananrug University, Hyderabad,	World Scientific	0092632	QC174.2 W375 2022
40	Transfer learning for natural language processing	2021	Paul Azunre.	Manning Publications Co.	0092631	QA76.9.N38 A98 2021

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42	Quantum machine learning : an applied approach : the theory and application of quantum machine learning in science and	2021	Santanu Ganguly	Apress	0091978	QA76.889 G36 2021
43	Product development : an engineer's guide to business considerations, real-world product testing, and launch	2022	David V Tennant.	John Wiley & Sons	0092630	TS170 T46 2022
44	Principles of thermodynamics	2022.	Henry Medina	Larsen and Keller Education	0092629	TJ265 M43 2022
45	Principles of Adaptive Optics	©2022.	Robert K. Tyson, Benjamin West Frazier	CRC Press, Taylor & Francis Group	0092638	TA1522 T97 2022
46	High temperature mechanical behavior of ceramic-matrix composites	2021	Longbiao Li	Wiley-VCH	0092628	TA418.9.C6 L55 2021
47	Energy efficiency and conservation in metal industries : with selected cases of investment grade audit	©2023.	[edited by] Lt. Swapan Kumar Dutta, Jitendra Saxena, Binoy Krishna Choudhury.	CRC Press	0093057	TJ163.5.M48 E54 2023
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49	Bioinspired structures and design	2020.	[edited by] Wole Soboyejo, Worcester Polytechnic Institute, Massachusetts, Leo Daniel, Kwara State University, Nigeria.	Cambridge University Press	0092201	TA164.2 B56 2020
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63	Fundamentals of fibre reinforced composite materials	2021.	A.R. Bunsell, S. Joannes, A. Thionnet.	CRC Press	0092614	TA418.9.C6 B86 2021
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96	Design of machine elements (SI units)	2013	M. F. Spotts, T. E. Shoup, L. E. Hornberger ; adapted by Kuang-Hua Fuh	Pearson Education Taiwan ; Gau Lih Books Co.	0091270	TJ230 S82 2013

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98	Calculus : early transcendentals	c2021	James Stewart, Daniel Clegg, Saleem Watson	Cengage	0091267	QA303 S8826 2021a
99	Mechanics of materials	2018.	R. C. Hibbeler ; SI conversion by Kai Beng Yap.	Pearson Education	0091250	TA405 H52 2018
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3	Fundamentals of machine design. Volume II /	2017	Ajeet Singh.	Cambridge University Press	0089407	TJ230 S564 v.2
4	Introduction to LabVIEW FPGA for RF, radar, and electronic warfare applications	[2021] ; ©2021	Terry Stratoudakis.	Artech House	0089629	TK7895.G36 S77 2021
5	Introduction to deep learning for engineers : using Python and Google Cloud Platform	[2020] ; ©2020	Tariq M. Arif, Weber State University.	Morgan & Claypool Publishers	0089630	Q325.5 A75 2020
6	Industry 4.0 - shaping the future of the digital world : proceedings of the 2nd International Conference on Sustainable Smart Manufacturing (S2M 2019), 9-11 April 2019, Manchester, UK	2021.	Paulo Jorge da Silva Bartolo, Fernando Moreira da Silva, Shaden Jaradat, Helena Bartolo.	CRC Press	0089631	TS155.6 I58 2021
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8	Automation in virtual testing of mechanical systems : theories and	[2019] ; ©2019	Ole Ivar Sivertsen, Bjørn Haugen	CRC Press, Taylor & Francis Group	0089633	TJ148 S58 2019
9	Plunkett's manufacturing, automation & robotics industry almanac 2021 : the only comprehensive guide to manufacturing, automation & robotics companies &	[2020]	Jack W. Plunkett.	Plunkett Research Ltd.	0089634	TS191.8 P58 2021
10	Planar multibody dynamics : formulation, programming with MATLAB®, and applications,	2019. ; ©2019	Parviz Nikravesh.	Taylor & Francis, CRC Press	0089635	TJ175 N55 2019
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15	Bubbles, drops, and particles in non-newtonian fluids	2021. ; ©2007.	R. P. Chhabra.	CRC Taylor & Francis	0089640	QC189.5 C44 2021
16	Decision making, planning, and control strategies for intelligent vehicles	[2020] ; ©2020	Haotian Cao	Morgan & Claypool Publishers	0089641	TL152.8 C36 2020
17	The boundary element method : applications in sound and vibration	2004.	Ashraf Ali, Charles Rajakumar.	CRC Press	0089910	TA347.B69 A45 2004
18	Electronics in textiles and clothing : design, products and applications	2016	L. Ashok Kumar, C. Vigneswaran.	CRC Press, Taylor & Francis Group	0089911	TS1449 K86 2016
19	Learn audio electronics with Arduino : practical audio circuits with arduino	2020.	Charlie Cullen.	Routledge	0089912	TK7881.4 C84 2020
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24	Sensors for mobile robots : theory and application	2019	H.R. Everett.	CRC Press	0089917	TJ211.415 E83 2019
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28	Human-robot interaction : control, analysis, and design	2020.	Dan Zhang and Bin Wei.	Cambridge Scholars Publishing	0089921	TJ211.49 H86 2020
29	Industrial robots : design, applications and technology	2020	Isak Karabegovic	Nova Science Publishers	0089922	TS191.8 I495 2020
30	Flexible robotics in medicine : a design journey of motion generation mechanisms and biorobotic system development	2020	Hongliang Ren.	Academic Press, imprint of Elsevier	0089923	R857.R63 R46 2020
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33	Machine learning for solar array monitoring, optimization, and control	2020	Sunil Rao, Sameeksha Katoch	Morgan & Claypool Publishers	0089926	TK1087 R36 2020
34	Solar energy applications	2020.	K.R. Rao.	ASME Press	0089927	TJ809 S62 2020
35	Thermal behaviour and applications of carbon-based nanomaterials : theory, methods and applications	2020.	Dimitrios V. Papavassiliou	Elsevier	0089928	TA418.9.N35 T54 2020
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37	The dynamic morse theory of control systems	2020.	Josiney A. Souza.	Cambridge Scholars Publishing	0089930	QA402.3 S68 2020
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43	Hybrid fiber composites : materials, manufacturing, process engineering	2020.	Anish Khan, Sanjay M. Rangappa	Wiley-VCH	0089936	TA418.9.C6 H93 2020
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109	Practical deep learning for cloud, mobile, and edge : real-world AI and computer-vision projects using Python, Keras, and	2020	Anirudh Koul, Siddha Ganju	O'Reilly Media, Inc.	0090752	QA76.76.A65 K68 2020
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113	Digital twin driven smart design	2020.	Fei Tao, Ang Liu, Tianliang Hu	Elsevier , Academic Press	0090756	TA345 D54 2020
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119	Electrochemical energy storage : physics and chemistry of batteries	2020	Reinhart Job.	De Gruyter	0090762	TK2896 J63 2020
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2	Fundamentals and applications of acoustic metamaterials. Vol. 1 : from seismic to radio frequency	2019	Romero-Garcia, Vicent.	ISTE Ltd / John Wiley	0087841	TK7871.15.M48/F96/v.1
3	Theory and design of acoustic metamaterials	2015	Pai, P. Frank/Huang, Gu	SPIE Press	0087842	TK7871.15.M48/T44/2015
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69	Handbook of noise and vibration control	2019	Proenza, Thomas K.	Intelliz Press	0088098	TD892/H364/2019
70	Perspectives in Fracture Mechanics	2019	Irani, Elias	Intelliz Press	0088099	TA409/P47/2019
71	Industrial robotics	2019	Dinwiddie, Keith	Cengage Learning	0088100	TS191.8/D56/2019
72	Machine component analysis with	2019	Marghitu, Dan B./Dupac	Elsevier	0088101	TJ243/M37/2019
73	Vibration of discrete and continuous	2019	Shabana, Ahmed A.	Springer	0088102	TA355/S53/2019
74	Statics and mechanics of materials	2019	Goodno, Barry J.	Cengage	0088293	TA405/G66/2019
75	AutoCAD 2019 : beginning and	2019	Hamad, Munir M.	Mercury Learning and	0088661	T386.A97/H36/201
76	AutoCAD 2019 3D modelling	2019	Hamad, Munir M.	Mercury Learning and	0088970	T386.A97/H363/20
77	Mechanics of fibrous composites	1998	Herakovich, Carl T.	Wiley	0088971	TA418.9.C6/H47/1998
78	Hydraulic Control Systems (2/e)	2019	Noah D. Manring	John Wiley & Sons	EB	
79	Lagrangian Mechanics: An Advanced Analytical Approach	2019	Anh Le Van, Rabah Bou	John Wiley & Sons	EB	
80	Modern Aerodynamic Methods for Direct and Inverse Applications	2019	Wilson C. Chin	John Wiley & Sons	EB	
81	Pumps and Compressors	2019	Marc Borremans	John Wiley & Sons	EB	
82	Noise and Vibration Control in Automotive Bodies	2018	Jian Pang	John Wiley & Sons	EB	
83	Design and Analysis of Composite Structures for Automotive Applications:	2019	Vladimir Kobelev	John Wiley & Sons	EB	
84	Mass Transfers and Physical Data	2019	Abdelhanine Benallou	John Wiley & Sons	EB	
85	Dynamics of Particles and Rigid Bodies: A Self-Learning Approach (2018) (John Wiley & Sons)	2018	Mohammed F. Daqaq	John Wiley & Sons	EB	
86	Vibration of Continuous Systems (2/e)	2019	Singiresu S. Rao	John Wiley & Sons	EB	

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87	Design and Analysis of Centrifugal	2018	Rene Van den Braembu	John Wiley & Sons	EB	
89	Fundamentals of Ship Hydrodynamics: Fluid Mechanics, Ship Resistance and	2019	Lothar Birk	John Wiley & Sons	EB	
90	Control Engineering: Fundamentals	2018	Jing Sun	Walter de Gruyter	EB	
91	Power Electrical Systems	2018	Faouzi Derbel	Walter de Gruyter	EB	
92	Nonlinear Mechanics of Shells and Plates: Composite, Soft and Biological Materials	2018	Marco Amabili	Cambridge University	EB	
93	Impact Mechanics (2/e)	2018	W. J. Stronge	Cambridge University	EB	
94	Resonance and Bifurcation to Chaos in Pendulum	2018	Albert C J Luo	World Scientific Pub	EB	
95	Electrical Machine Drives: Fundamental Basics and Practice	2019	Claiton Moro Franchi	CRC Press Llc	EB	
96	Nanofluids and Their Engineering	2019	K.R.V. Subramanian	CRC Press Llc	EB	
97	Basics of Hydraulic Systems (2/e)	2018	Qin Zhang	CRC Press Llc	EB	
98	Robotics and Automation in Manufacturing Processes	2020	S.R. Elbaum	3G E-learning FZ LLC	EB	
99	Industrial Automation Design	2020	Rixon Taylor	3G E-learning FZ LLC	EB	
100	Technology of Automatic Control Systems	2020	David Vallee	3G E-learning FZ LLC	EB	
101	Vibration Analysis: Advanced Techniques	2020	B K Gerald	3G E-learning FZ LLC	EB	
102	Fluid Mechanics and Fluid Power	2020	Dr. Geng K	3G E-learning FZ LLC	EB	
103	Internal Combustion Engines: Modeling and Control	2020	L K George	3G E-learning FZ LLC	EB	
104	Principles of Hydraulic Systems Design	2020	John R Stephan	3G E-learning FZ LLC	EB	
105	Hydraulic Systems: Industrial Perspective	2020	R. K. Elmarzugi	3G E-learning FZ LLC	EB	
106	Recent Technologies for Enhancing Performance and Reducing Emissions in	2020	J. Sadhik Basha	3G E-learning FZ LLC	EB	
107	Creative Design of Mechanical Devices	2020	Nelson Bolivar	3G E-learning FZ LLC	EB	
108	Machinery Maintenance and Repair	2019	Zainah Abdullah	3G E-learning FZ LLC	EB	

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109	Fluid Power Systems: Modelling and Diagnostic Techniques	2019	Abigail Lopez	3G E-learning FZ LLC	EB	
110	Fluid Power: Components and Systems	2019	L. Colantoni	3G E-learning FZ LLC	EB	
111	Finite Element Modeling and Simulation with ANSYS Workbench	2019	L. N. Miandji	3G E-learning FZ LLC	EB	
112	Acoustic Simulation Using MATLAB and ANSYS	2019	Jullia cameron	3G E-learning FZ LLC	EB	
113	Heat and Mass Transfer: Modeling and Simulation	2019	Zhenzhen Xing	3G E-learning FZ LLC	EB	
114	Computational Fluid Mechanics and Dynamics for Scientists	2019	Euan Russano	3G E-learning FZ LLC	EB	
115	Design, Development, and Optimization of Bio-Mechatronic Engineering Products	2019	Kaushik Kumar	IGI Global	EB	
116	Non-Conventional Machining in Modern Manufacturing Systems	2019	Kaushik Kumar	IGI Global	EB	

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1	Opto-mechanical systems design	2015	Yoder, Paul R./Vukobratovic, Miroslav	Taylor & Francis, CR	0086096	TS513/Y63/2015/v.
2	Opto-mechanical systems design	2015	Yoder, Paul R./Vukobratovic, Miroslav	Taylor & Francis, CR	0086095	TS513/Y63/2015/v.
3	Real Goods solar living sourcebook : your complete guide to living beyond the grid with renewable energy technologies and sustainable living	2015	Schaeffer, John./McKibben, David	New Society Publishers	0086080	TH7413/S33/2015
4	How to design and fabricate a vertical axis wind turbine : design, analysis, and fabrication using gorlov and savonius	2018	Nath, Rajdeep.	Independently Published	0086081	TJ820/N38/2018
5	Design and implementation of a portable vertical axis wind turbine	2017	Attia, Mohamed.	LAP Lambert Academic Publishing	0086082	TJ828/A88/2017
6	Centrifugal and axial flow pumps : theory, design, and application	1993	Stepanoff, Alexey J.	Krieger Pub. Co.	0087315	TJ919/S74/1993
7	Water wheels or hydraulic motors	2003	Bresse, Jacques Antoine	University Press of the Pacific	0086083	TJ855/B74/2003
8	Principles of construction and efficiency of water-wheels	2018	Attia, Mohamed.	Forgotten Books	0086084	TJ840/D66/2018
9	Aerospace navigation systems	2016	Nebylov, A. V./Watson, Robert	Wiley	0087316	TL586/A37/2016
10	Robust optimization : world's best practices for developing winning vehicles	2016	Chowdhury, Subir./Tagore, Sankar	Wiley & Sons, ASI Co	0087317	TL240/C46/2016
11	Micromechanics of fracture and damage	2016	Dormieux, Luc./Kondo, Masahiro	ISTE, Ltd.	0087318	QC176.8.M5/D67/2016
12	Advanced computational fluid and aerodynamics	2016	Tucker, Paul G.	Cambridge University Press	0086085	TA357.5.D37/T83/2016
13	Material science and engineering : proceedings of the 3rd Annual 2015 International Conference on Material Science and Engineering (ICMSE2015,	2016	Chen, Ping./International Conference on Material Science and Engineering (ICMSE2015)	CRC Press	0086086	TA403/I58/2015

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14	Advanced materials, structures and mechanical engineering : proceedings of the International Conference on Advanced Materials, Structures and Mechanical	2016	International Conference	CRC Press, Taylor &	0086087	TA401.3/I584/2015
15	Mechanics of solids	2016	Ross, C. T. F./Bird, J. C	Routledge, Taylor & F	0086088	TA645/R67/2016
16	Finite element methods for eigenvalue	2017	Sun, Jiguang/Zhou, Aih	CRC Press, Taylor &	0086089	QA193/S86/2017
17	Wave propagation in materials and structures	2016	Gopalakrishnan, S.	CRC Press	0086090	QC174.26.W28/G67/2017
18	Handbook of fluid dynamics	2016	Johnson, Richard W.	Taylor & Francis, CR	0086091	TA357/H36/2016
19	Metal cutting theory and practice	2016	Stephenson, David A./A	CRC Press/Taylor & F	0086092	TJ1185/S74/2016
20	Lubrication fundamentals : ExxonMobil	2016	Pirro, Don M./Webster	CRC Press, Taylor &	0086093	TJ1075/P57/2016
21	Automotive engine metrology	2017	Ali, Salah H. R.	Pan Stanford Publishi	0086094	QA465/A45/2017
22	Brittle fracture and damage of brittle materials and composites : statistical-probabilistic approaches	2016	Lamon, Jacques	ISTE Press Ltd	0087319	TA409/L36/2016
23	Dynamics of rotating machines	2010	Friswell, M. I.	Cambridge University	0087080	TJ1058/D86/2010
24	Welding engineering : an introduction	2016	Phillips, David H.	Wiley	0087320	TS227/P45/2016
25	Fluid mechanics : foundations and applications of mechanics	2015	Jog, C. S.	Cambridge University	0087414	QC145.2/J64/2015
26	Continuum mechanics	2015	Jog, C. S.	Cambridge University	0087321	QA808.2/J64/2015
27	Finite element and boundary methods in structural acoustics and vibration	2015	Atalla, Noureddine./Sga	CRC Press	0086097	TA365/A75/2015
28	Additive manufacturing	2016	Bandyopadhyay, Amit,/	CRC Press	0086098	TS171.95/A33/201
29	Mechatronics : fundamentals and	2016	De Silva, Clarence W.,/	CRC Press, Taylor &	0086099	TJ163.12/M43/201
30	Smart autonomous aircraft : flight control and planning for UAV	2016	Bestaoui Sebbane, Yasn	CRC Press, Taylor &	0086100	UG1242.D7/B47/2016
31	Additive manufacturing : innovations, advances, and applications	2016	Srivatsan, T. S./Sudarsh	CRC Press/Taylor & F	0086101	TS171.95/A44/2016

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32	Vibration problems in machines : diagnosis and resolution	2016	Lees, A. W.	CRC Press	0086102	TJ177/L44/2016
33	Machinery failure analysis handbook : sustain your operations and maximize	2006	Affonso, Luiz Otavio A	Gulf Pub.	0087322	TS191/A34/2006
34	Buckling and postbuckling structures II : experimental, analytical and numerical	2018	Falzon, B. G./Aliabadi,	World Scientific Publ	0086920	TA656.2/B834/2018
35	The mechanics of elastic solids	2019	Rees, D. W. A.	World Scientific	0087323	TA418/R45/2019
36	Applications of tensor analysis in continuum mechanics	2018	Eremeyev, Victor A./C	World Scientific	0086921	QA808.2/E74/2018
37	Introduction to micromechanics and nanomechanics	2018	Li, Shaofan./Wang, Gan	World Scientific	0087324	QC176.8.M5/L5/2018
38	Vibration-based techniques for damage detection and localization in engineering structures	2018	Nobari, Ali S./Aliabadi	World Scientific	0086922	TA656.6/V53/2018
39	Probabilistic methods in the theory of structures : strength of materials, random vibrations, and random buckling	2017	Elishakoff, Isaac	World Scientific Publ	0087325	TA646/E45/2017
40	Active and passive vibration damping	2019	Baz, Amr Mahmoud Sa	John Wiley & Sons, I	0086923	TA355/B368/2019
41	Composite structures : effects of defects	2019	Elhajjar, Rani./Grant, Pe	John Wiley & Sons, L	0086924	TA664/E44/2019
42	Computational mechanics of solids and structures	2019	Natalia, R. N.	Intelliz Press LLC	0086925	TA329/C66/2019
43	Dynamics and Control of Structures: a modal approach	2019	Cheung, Yuan.	Intelliz Press	0086926	TA654.15/C54/2019
44	Future manufacturing systems	2019	Randrianarisoa, Hariniri	Arcler Press LLC	0086927	TS176/F88/2019
45	Introduction to mechanism design : with computer applications	2018	Constans, Eric./Dyer, K	Taylor & Francis, a C	0086928	TJ230/C66/2019
46	Kinematics and dynamics of mechanical systems : implementation in MATLAB and Simmechanics	2019	Russell, Kevin/Shen, Qi	CRC Press, Taylor &	0086929	TJ175/R87/2019

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47	Mechanical engineering systems : dynamics and control	2019	Lavy, Nazry.	Intelliz Press LLC	0086930	TJ159/M43/2019
48	Simulation and optimisation of heat	2019	Pienaar, Suzanne.	Intelliz Press LLC	0086931	TJ263/S56/2019
49	Alternative fuel vehicles	2018	Denton, Tom	Taylor & Francis	0086932	TL216.5/D46/2018
50	Introduction to automotive engineering		Sakthivel, R./Mahroogi	Scrivener Publishing	0087326	TL240/S25/2019
51	Design engineer's sourcebook	2018	Richards, Keith L.	Taylor & Francis, CR	0086933	TJ153/R483/2018
52	Introduction to dynamics and control in mechanical engineering systems	2018	Girejko, Ewa./Pawtusze	Auris Reference	0086934	TJ170/I58/2018
53	Magnetic bearings : theory, design and application to rotating machinery	2018	Gayathri.S./Subakaran.K	Auris Reference	0086935	TJ1073.7/M346/2018
54	Logan's Turbomachinery: Flowpath Design and Performance Fundamentals	2019	Sultanian, Bijay	CRC Press Llc	EB	
55	The Recovery of Natural Environments in Architecture: Air, Comfort and Climate	2017	Short, C Alan	Routledge	EB	
56	Designing Spaces for Natural Ventilation: An Architect's Guide	2015	Ulrike Passe	Routledge	EB	
57	Advances in New Heat Transfer Fluids: From Numerical to Experimental	2017	Minea, Alina A.	CRC Press Llc	EB	
58	Biomechanical Aspects of Soft Tissues.	2017	Loret, Benjamin	CRC Press Llc	EB	
59	Biomaterial Mechanics.	2017	Hayenga, Heather N.	CRC Press Llc	EB	
60	Handbook of Optomechanical	2017	Ahmad, Anees	CRC Press Llc	EB	
61	Quantum Effects in Tribology	2017	Dmitry Nikolaevich Lyu	CRC Press Llc	EB	
62	Theory of Differential Equations in Engineering and Mechanics.	2018	K. T. Chau	CRC Press Llc	EB	
63	Tribology and Applications of Self-Lubricating Materials	2018	Emad Omrani	CRC Press Llc	EB	
64	Artificial Neural Networks for Engineers and Scientists: Solving Ordinary Differential Equations	2017	S. Chakraverty	CRC Press Llc	EB	

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65	Uncertainty Analysis of Experimental Data with R.	2017	Shaw, Benjamin D.	CRC Press Llc	EB	
66	Flow Control Techniques and	2018	Jin-Jun Wang	Cambridge University	EB	
67	Flow Measurement Handbook: Industrial Designs, Operating Principles, Performance, and Applications. (2/e)	2016	Baker, Roger C.	Cambridge University	EB	
68	Machining of Stainless Steels and Super Alloys: Traditional and Nontraditional	2016	Helmi A. Youssef	John Wiley & Sons	EB	
69	Dynamics of the Rigid Solid with General Constraints by a Multibody Approach	2015	Nicolae Pandrea	John Wiley & Sons	EB	
70	Remotely Piloted Aircraft Systems: A Human Systems Integration Perspective.	2017	Cooke, Nancy J.	John Wiley & Sons	EB	
71	Energy, Entropy and Engines: An Introduction to Thermodynamics.	2016	Chandra, Sanjeev	John Wiley & Sons	EB	
72	Flexible Multibody Dynamics: Efficient Formulations and Applications.	2016	Banerjee, Arun K.	John Wiley & Sons	EB	
73	Formulas for Dynamics, Acoustics and Vibration (2015) (John Wiley & Sons)	2015	Robert D. Blevins	John Wiley & Sons	EB	
74	Advanced Computational Nanomechanics.	2016	Silvestre, Nuno	John Wiley & Sons	EB	
75	3D Printing in Medicine	2017	Deepak M Kalaskar	Woodhead Publishing	EB	

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1	Fundamentals of thermodynamics	2016	Vasilescu, Dorin	Scitus Academics LLC	0083562	TJ265/F86/2016
2	Introduction to Wind Turbine Aerodynamics	2014	Schaffarczyk, A. P.	Springer	0083834	TK1541/S34/2014
3	Energy efficiency manual : for everyone who uses energy, pays for utilities, controls energy usage, designs and builds, is interested in energy and environmenta	1999	Wulfinghoff, Donald.	Energy Institute Press	0083835	TJ163.3/W85/1999
4	Water turbines : contributions to their study, computation and design	2015	Zowski, S. J.	Forgotten Books	0083836	TA174/Z69/2015
5	Applied dynamics	2015	Baruh, Haim	CRC Press, Taylor & F	0083837	TA352/B37/2015
6	Applied strength of materials	2017	Mott, Robert L./Untene	CRC Press, Taylor & F	0083838	TA405/M68/2017
7	Computational Fluid Dynamics	2016	Sheng, Chunhua	Magnum Publishing LI	0083839	TA357.5.D37/S54/2016
8	Design, Instrumentation, and Controls	2017	Randrianarisoa, Hariniri	Arcler Press LLC	0083840	TA165/D47/2017
9	Engineering heat transfer	2017	Randrianarisoa, Hariniri	Arcler Press LLC	0083841	TJ260/E54/2017
10	Engineering mechanics. Dynamics	2016	Meriam, J. L./Kraige, L.	Wiley	0083842	TA352/M47/2016
11	Fluid dynamics & fluid hydromomics	2016	Bilinauskaite, Milda.	Intelliz Press	0083843	TA357/B55/2016
12	Fluid Dynamics, Computational Modeling and Applications	2016	Vidmar, Peter	Magnum Publishing LI	0083844	TA357/V53/2016
13	Fundamentals of noise and vibration analysis for engineers	2017	Eqbal, M.	Intelliz Press LLC	0083845	TA365/F863/2017
14	Introduction to Dynamics and Control	2017	Ronaldo, D.	Intelliz Press LLC	0083846	QA845/I58/2017
15	Mechanical design of machine	2016	Ugural, A. C.	CRC Press, Taylor & F	0083847	TJ230/U48/2016
16	Noise and vibration control	2017	Sue, Leo	Intelliz Press LLC	0083848	TD892/N64/2017
17	Numerical methods for partial differential equations : an introduction finite differences, finite elements and finite	2016	Ruas, Victoriano	Wiley.	0083849	QA374/R83/2016
18	Optical methods for solid mechanics	2017	Bolivar, Nelson.	Arcler Press	0083850	QC367/O685/2017
19	Solved practical problems in fluid	2016	Schaschke, Carl	Taylor & Francis Group	0083851	TA357.3/S323/201

中文：0 冊
西文：70 冊
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20	Stochastic processes in mechanical engineering	2017	Moore, Walter H.	Intelliz Press LLC	0083852	QA274/S763/2017
21	Theory and design for mechanical	2017	Beasley, Alex. C.	Intelliz Press LLC	0083853	TA165/T44/2017
22	Contact mechanics and friction : physical principles and applications	2017	Popov, Valentin L.	Springer Berlin Heidelberg	0083854	TA353/P67/2017
23	Micromechanics and nanomechanics of composite solids	2018	Meguid, Shaker A./Weng	Springer	0083855	TA418.9.N35/M53/2018
24	Mathematical modelling in solid mechanics	2017	Dell'Isola, Francesco./Sc	Springer Nature	0083856	TJ153/M38/2017
25	Turbulence	2015	Bailly, Christophe./Comt	Springer	0083857	TA357.5.T87/T87/2015
26	Engineering mathematics I : electromagnetics, fluid Mechanics, material physics and financial engineering	2016	Rancic, Milica./Silvestro	Springer International E	0083858	TA330/E54/v.1
27	Introduction to solid mechanics : an integrated approach	2017	Lubliner, Jacob./Papadop	Springer	0083859	TA405/L83/2017
28	Statics : learning from engineering examples	2016	Emri, Igor./Voloshin, A	Springer Science+Busi	0083860	TA351/E47/2016
29	Vibrations of rotating machinery. Vol. 1 : Basic rotordynamics : introduction to practical vibration analysis	2017	Matsushita, Osami./Tanal	Springer Japan	0083861	TJ1058/M38/v.1
30	The developments and the applications of the numerical algorithms in simulating the incompressible magnetohydrodynamics with complex boundaries and free surface	2019	Zhang, Jie	Springer	0085770	QC718.5.M36/Z43/2019
31	Introduction to magnetohydrodynamics	2017	Davidson, P. A.	Cambridge University I	0085771	QA920/D38/2017
32	Energy Storage: Systems and Components.	2018	Alfred Rufer	CRC Press	EB	
33	Design of Electromechanical Products: A Systems Approach.	2017	Jamnia, Ali	CRC Press	EB	

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34	Numerical Methods in Computational Mechanics.	2017	Ghaboussi, Jamshid	CRC Press	EB	
35	The Finite Element Method for Boundary Value Problems: Mathematics and	2017	Surana, Karan S.	CRC Press	EB	
36	Mechatronic Systems and Process Automation: Model-Driven Approach and Practical Design Guidelines	2018	Patrick O.J. Kaltjob	CRC Press	EB	
37	Non-Conservative Systems: New Static and Dynamic Stability Criteria.	2018	Kurt Ingerle	CRC Press	EB	
38	Rotating Machinery Research and Development Test Rigs	2017	Maurice L. Adams	CRC Press	EB	
39	Approximation Techniques for Engineers.	2017	Komzsik, Louis	CRC Press	EB	
40	Advanced Machining Processes: Innovative Modeling Techniques.	2018	Angelos P. Markopoulo	CRC Press	EB	
41	Autodesk Inventor Exercises: for Autodesk Inventor and Other Feature-Based Modelling Software.	2017	McFarlane, Bob	CRC Press	EB	
42	Electromechanical Control Technology and Transportation	2017	Xiaoling Jia	CRC Press	EB	
43	Nonlinear Control Techniques for Electro-Hydraulic Actuators in Robotics	2018	Guo, Qing	CRC Press	EB	
44	Automotive, Mechanical and Electrical Engineering	2017	Lin Liu	CRC Press	EB	
45	Rotor Systems: Analysis and	2018	Rajiv Tiwari	CRC Press	EB	
46	Power Plant Centrifugal Pumps: Problem Analysis and Troubleshooting	2017	Maurice L. Adams	CRC Press	EB	
47	Numerical Simulation of Heat	2017	Minkowycz, W. J.	CRC Press	EB	
48	Mechanics of Rotor Spinning Machines	2018	Ibrahim Abdou Elhawar	CRC Press	EB	

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49	Nonlinear Filtering.	2017	Raol , Jitendra R.	CRC Press	EB	
50	Microfluidics: Modeling, Mechanics and Mathematics	2017	Bastian E. Rapp	Elsevier	EB	
51	Thermal System Design and Simulation	2017	P.L. Dhar	Elsevier	EB	
52	Computational Fluid Dynamics	2018	Jiyuan Tu Guan Heng	Elsevier	EB	
53	3D Bioprinting for Reconstructive Surgery: Techniques and Applications	2017	Daniel J. Thomas, Zita M	Elsevier	EB	
54	Applied Nanotechnology	2018	Jeremy Ramsden	Elsevier	EB	
55	Introduction to Fluid Mechanics	2018	Yasuki Nakayama	Elsevier	EB	
56	Multi-Body Kinematics and Dynamics with Lie Groups	2017	Dominique Chevallier J	Elsevier	EB	
57	Energy Audits and Improvements for Commercial Buildings	2016	Ian M. Shapiro	Wiley	EB	
58	Fracture Mechanics: Fundamentals and Applications	2016	Surjya Kumar Maiti	Wiley	EB	
59	Fundamentals of Engineering Tribology with Applications	2016	Harish Hirani	Wiley	EB	
60	Integrated Vehicle Dynamics and Control	2016	Professor Wuwei Chen	Wiley	EB	
61	Introduction to Computational Fluid Dynamics: Development, Application and	2017	Dr. Atul Sharma Profess	Wiley	EB	
62	Applied Mechanical Design	2018	Ammar Grous	Wiley	EB	
63	Virtual Work Approach to Mechanical Modeling	2018	Jean Salencon	Wiley	EB	
64	Thermal Management of Electric Vehicle Battery Systems	2017	Ibrahim Dincer, Halil S.	Wiley	EB	
65	Equilibrium Finite Element Formulations	2017	J. P. Moitinho de Almeid	Wiley	EB	
66	Hybrid Electric Vehicle System Modeling and Control	2017	Wei Liu	Wiley	EB	

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67	Vibration with Control	2017	Daniel J. Inman	Wiley	EB	
68	Movement Equations 2: Mathematical and Methodological Supplements	2017	Michel Borel	Wiley	EB	
69	Biomechanics : Optimization, Uncertainties and Reliability	2017	Ghias Kharmanda	Wiley	EB	
70	Vibration of Nearly Periodic Structures and Mistuned Bladed Rotors	2017	Alok Sinha	Cambridge University	EB	

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1	Vibration of functionally graded beams and plates	2016	Chakraverty, Snehashish.	Academic Press	0081536	TA660.B4/C43
2	Programming of CNC machines	2016	Evans, Ken	Industrial Press, Inc.	0081754	TJ1189/E83
3	Advances in dynamics, vibration and	2016		Narosa Publishing Hou	0081755	TA352/A38
4	Introduction to basic manufacturing.	2016	Jawalkar, C. S.	Alpha Science Intl	0081756	TS183/J39
5	Variational methods in engineering.	2016	Nambudiripad, K. B. M.	Narosa Publishing Hou	0081757	TA347.C3/N36
6	Fracture mechanics : fundamentals and applications	2017	Anderson, T. L.	Taylor & Francis, CRC	0081758	TA409/A49
7	District cooling : theory and practice	2017	Olama, Alaa A.	CRC Press	0081759	TH7687.75/O43
8	Advanced analytical dynamics : theory and applications	2017	De Sapio, Vincent	Cambridge University I	0081760	QA845/D42
9	Fluid and solid mechanics	2016	Bullett, Shaun./Fearn, T.,	World Scientific	0081761	QA805/F58
10	Vibration control systems utilizing smart materials actuators	2016	Choi, Seung-Bok.	Nova Publishers	0081762	TA355/V53
11	Software engineering for science	2017	Carver, Jeffrey./Hong, Ne	CRC Press, Taylor & F	0081775	Q183.9/S74
12	Mechanics of materials : with applications in Excel	2016	Muvdi, B. B./Elhouar, S	CRC Press/Taylor & F	0081776	TA404.8/M88
13	Beginning Android programming with Android Studio	2017	DiMarzio, J. F.	Wrox, a Wiley brand	0082089	QA76.774.A53/D5
14	A manual of mechanical drawing	2016	Dales, John Handsley.	Cambridge University I	0082090	T353/D35
15	Fluid machinery : application, selection, and design	2010	Wright, Terry./Gerhart, P	CRC Press	0082269	TJ267/W75
16	Fan handbook : selection, application, and design	1998	Bleier, Frank P	McGraw-Hill	0082270	TJ960/B54
17	Fluid mechanics demystified	2009	Potter, Merle C.	McGraw-Hill	0082271	TA357/P68
18	CNC handbook	2013	Kief, Hans B./Hood, Jef	McGraw-Hill	0082272	TJ1189/K54
19	Hands-on PLC programming with RSLogix 500 and LogixPro	2016	Kamel, Eman./Kamel, Kl	McGraw-Hill Educatio	0082273	TJ223.P76/K36

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西文：115冊
合計：124冊

編號	書名	出版年	作者	出版社	登錄號	索書號
20	Materials : engineering, science, processing and design	2014	Ashby, M. F./Cebon, Da	Butterworth-Heineman	0082274	TA403/A693
21	Fluid mechanics	2016	Fox, Robert W./Leylegia	John Wiley & Sons, Lt	0082275	TA357/F69
22	Feedback control of dynamic systems	2015	Franklin, Gene F./Ema	Pearson	0082276	TJ216/F723
23	Principles of modern manufacturing	2013	Groover, Mikell P.	Wiley.	0082277	TS155/G76
24	Fluid mechanics : in SI units	2017	Hibbeler, R. C./Yap, K	Pearson Education	0082278	TA357/H53
25	Pneumatic and hydraulic systems	2016	Singh, K. Hiraniya.	I. K. International Publ	0082282	TJ163.12/S56
26	Soil mechanics : calculations, principles, and methods	2017	Kaliakin, Victor N.	Butterworth-Heineman	0082283	TA710/K35
27	Classical mechanics : including an introduction to the theory of elasticity	2017	Hentschke, Reinhard.	Springer	0082284	QA805/H46
28	Predicting vehicle trajectory	2017	Barrios, Cesar./Motai, Y	Taylor & Francis, a CR	0082285	TL272.52/B37
29	The finite element method : basic concepts and applications with MATLAB, MAPLE, and COMSOL	2017	Pepper, Darrell W./Heinr	CRC Press, Taylor & F	0082286	TA347.F5/P46
30	Introduction to robotics : mechanics and control	2018	Craig, John J.	Pearson	0082287	TJ211/C67
31	Calculus for engineering. I	2016	Miracle, Chester	Kendall Hunt Publishin	0082288	QA303.3/M57
32	Calculus for engineering. II	2016	Miracle, Chester	Kendall Hunt Publishin	0082289	QA303.3/M57
33	Systems, automation & control	2016	Derbel, Nabil	De Gruyter Oldenbourg	0082290	T57.6/S97
34	Introduction to applied mechanics	2016	Andrews, Ewart S.	Cambridge Univ Press	0082291	TA350/A53
35	Combustion thermodynamics and	2016	Powers, Joseph	Cambridge University I	0082292	QD516/P69
36	Dynamics : theory and application of Kane's method	2016	Roithmayr, Carlos M./F	Cambridge University I	0082293	QC133/R65
37	Fundamentals of computational intelligence : neural networks, fuzzy systems, and evolutionary computation	2016	Keller, James M./Liu, De	Wiley	0082558	QA76.76.E95/K45
38	Machine learning : the new AI	2016	Alpaydin, Ethem.	MIT Press	0082559	Q325.5/A47

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39	Fundamentals of mechanical vibrations	2016	Cai, Liang-Wu.	Wiley, ASME Press	0082560	TJ177/C35
40	Introduction to maintenance engineering : modelling, optimization and management	2016	Ben-Daya, Mohammed.	John Wiley & Sons	0082561	TS174/B46
41	Thermoelectrics : design and materials	2017	Lee, HoSung.	John Wiley & Sons	0082562	TK2950/L44
42	Compressible flow propulsion and digital approaches in fluid mechanics	2017	Ledoux, Michel./El Hami	ISTE	0082563	TA357/L44
43	Fluid Mechanics : analytical methods	2017	Ledoux, Michel./El Hami	ISTE Ltd	0082564	TA357/L43
44	Mechanical vibrations : applications to equipment	2017	Mori, Yvon.	ISTE	0082565	TA355/M67
45	Axial flow fans: design and practice	1961	Wallis, R. Allan.	Academic Press	0082745	TJ966/W3
46	High-power converters and AC drives	2017	Wu, B./Narimani, Mehd	Wiley	0082746	TK2796/W83
47	A practical approach to dynamical systems for engineers	2016	Mellodge, Patricia	Woodhead Publishing	0082747	TA352/M44
48	Fundamentals of the finite element method for heat and mass transfer	2016	Nithiarasu, Perumal./Le	Wiley	0082748	QC20.7.F56/L49/
49	Aircraft dynamics and automatic control	2014	McRuer, Duane T./Ashke	Princeton University Pr	0082752	TL676/M37
50	Model aircraft aerodynamics	2015	Simons, Martin	Special Interest Model	0082753	TL770/S56
51	Monitoring and Diagnostics of Aircraft Gas Turbine Engines : Improvement of Models and Methods for Diagnosis of Gas Path of Gas Turbine Engines	2014	Yunusov, Sergey/Labend	LAP LAMBERT Acad	0082754	TL709/Y86
52	Control of mechatronic systems	2017	Guvenc, Levent./Guvenc	The Institute of Engine	0082755	TJ163.12/G88
53	Flexible robot manipulators : modelling, simulation and control	2017	Tokhi, Mohammad Osm	The Institution of Engi	0082756	TS191.8/T65
54	Mechatronic hands : prosthetic and robotic design	2016	Chappell, Paul H.	London	0082757	RD756.22/C43
55	Practical robotics and mechatronics : marine, space and medical applications	2016	Yamamoto, Ikuo	The Institution of Engi	0082758	TJ211/Y36

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56	Electric motor control : DC, AC, and BLDC motors	2017	Kim, Sang-Hoon	Elsevier	0082759	TK2851/K56
57	Fundamentals of robotics : manipulators, wheeled and legged robots	2017	Pratihari, Dilip Kumar	Alpha Science Internat	0082760	TJ211/P72
58	A textbook of mechanics	2017	Nayak, Prasun K.	Alpha Science Internat	0082761	QA805/N39
59	Heat treatment, selection, and application of tool steels	2016	Bryson, William E.	Hanser Gardner Publica	0082762	TS320/P79
60	Lean combustion : technology and control	2016	Dunn-Rankin, Derek.	Academic Press	0082763	QD516/L43
61	Thermodynamics	2016	Duroudier, Jean-Paul	ISTE Press Ltd	0082764	QC311/D87
62	Aluminum-lithium alloys : process metallurgy, physical metallurgy, and	2017	Grushko, Olga./Ovsyan	CRC Press	0082765	TN775/G78
63	Friction dynamics : principles and	2016	Chen, Gang Sheng./Liu, J	Woodhead Publishing i	0082766	TJ1075/C44
64	Engineering mechanics : dynamics	2016	Barcelo, Gabriel.	Auris Reference	0082767	TA352/E64
65	Engineering mechanics : statics	2016	Alvarez-Estrada, Ramon	Auris Reference	0082768	TA351/E64
66	Diesel engine : combustion, emissions and condition monitoring	2017	Van, Thanh Phuc	Scitus Academics LLC	0082769	TJ795/D55
67	Fuzzy controllers, theory and applications	2017	Niemiec, Mariusz	Scitus Academics LLC	0082770	TJ213/F88
68	Fuzzy inference system : theory and applications	2017	Niemiec, Mariusz	Scitus Academics LLC	0082771	TK7888.3/F89
69	Heat treatment : conventional and novel applications	2017	Metharom, Sunan	Scitus Academics	0082772	TN672/H43
70	Tribology : lubricants and lubrication	2017	Van, Thanh Phuc	Scitus Academics	0082773	TJ1075/T75
71	Application of thermo-fluidic measurement techniques : an introduction	2016	Kim, Tongbeum./Lu, Tia	Butterworth-Heineman	0082774	TL573/A67
72	Automatic control systems	2016	Lupei, Bianca.	Scitus Academics LLC	0082775	TJ213/A98
73	Control systems engineering	2016	Lupei, Bianca	Scitus Academics	0082776	TJ213/C667
74	Dynamics : engineering mechanics	2016	Kartal, Sevilin	Scitus Academics	0082777	TA352/D96
75	Engineering thermodynamics	2016	Vasilescu, Dorin	Scitus Academics LLC	0082778	TJ265/E64

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76	Foundations of heat transfer	2016	Vasilescu, Dorin	Scitus Academics	0082779	QC320/F68
77	Classical and computational solid	2017	Fung, Y. C./Tong, Pin./C	World Scientific	0082780	QA807/C53
78	Advanced materials design and mechanics IV : selected, peer reviewed papers from the 4th International Conference on Advanced Materials Design and Mechanics (IC	2017	Boumerzoug, Zakaria./I	Trans Tech Publication	0082781	TA401.3/I574
79	Material forming processes : simulation, drawing, hydroforming and additive manufacturing	2016	Radi, Bouchaib./El Hami	ISTE	0082782	TS213/R33
80	Fuel cell fundamentals	2016	O'Hayre, Ryan P./Cha,	Wiley	0082783	TK2931/F84
81	A first course in the finite element	2017	Logan, Daryl L.	Cengage Learning	0082784	TA347.F5/L64
82	Mechatronics and control of electromechanical systems	2017	Lyshevski, Sergey Edwa	CRC Press	0082888	TK7875/L97
83	Finite elements in fracture mechanics : theory-numerics-applications	2016	Kuna, M.	Springer	0082889	TA409/K86
84	Foundations and applications of engineering mechanics	2015	Ram, H. D./Chauhan, A	Cambridge University I	0082910	TA350/R36
85	Computer vision in vehicle technology : land, sea & air	2017	Lopez, Antonio M./Alva	John Wiley & Sons, Inc	0083106	TL272.53/L67
86	Robot learning by visual observation	2017	Vakanski, Aleksandar/J	John Wiley & Sons, Inc	0083107	TJ211.3/V35
87	Basics of engineering turbulence	2016	Ting, David.	Academic Press is an in	0083108	TA357.5.T87/B37
89	Thermal stress analysis of composite beams, plates and shells : computational modelling and applications	2017	Carrera, Erasmo./Cinefra	Academic Press	0083110	TA654.8/C37
90	3D printing and additive manufacturing : principles and applications	2017	Chua, Chee Kai./Leong,	World Scientific	0083111	TS155.6/C47
91	Bioinspired actuators and sensors	2016	Taya, Minoru/Mizunami,	Cambridge University I	0083112	R857.M3/T39
92	Examples in heat and heat engines	2016	Peel, Talbot.	University press	0083113	TJ255/P4

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93	Computational fluid dynamics (CFD) : characteristics, applications and analysis	2016	Powell, Gretchen	Nova Publishers	0083114	TA357.5.D37/C66
94	Computer vision and imaging in intelligent transportation systems	2017	Loce, Robert P./Bala, R	Wiley	0083188	TE228.3/C66
95	Applied impact mechanics	2016	Rao, C. Lakshmana,/Nara	Wiley	0083189	TJ163.12/R36
96	Case studies in mechanical engineering : decision making, thermodynamics, fluid mechanics and heat transfer	2016	Sabol, Stuart	Wiley	0083190	TJ148/S23
97	Engineering mechanics : static	2016	Meriam, J. L./Kraige, L.	Wiley	0083191	TA350/M458/v.1/
98	Kinematics, dynamics, and design of machinery	2016	Waldron, Kenneth J./K	John Wiley & Sons Inc	0083192	TJ175/W35
99	Vibration theory and applications with finite elements and active vibration	2016	Palazzolo, Alan B.	John Wiley & Sons, Inc	0083193	TA355/P35
100	Advanced engineering thermodynamics	2016	Bejan, Adrian	John Wiley & Sons Inc	0083194	TJ265/B425
101	Applications of mathematical heat transfer and fluid flow models in	2017	Dorfman, A. Sh.	John Wiley & Sons	0083195	QC320/D67
102	Vibration with control	2017	Inman, D. J.	John Wiley & Sons Inc	0083196	TA355/I523
103	Theory of elasticity and stress	2017	Murakami, Y.	John Wiley & Sons, Inc	0083197	TA418/M87
104	An introduction to engineering mathematics	2016	McMullin, Daniel,/Park	Cambridge University I	0083219	QA39/M27
105	Combustion engines : an introduction to their design, performance, and selection	2016	Gupta, Aman,/Sharma, S	John Wiley & Sons	0083220	TJ756/G87
106	Computerized engine controls	2017	Hatch, Steve V.	Delmar, Cengage Learn	0083221	TL214.C64/K56
107	Continuum mechanics and thermodynamics of matter	2016	Paolucci, S.	Cambridge University I	0083222	QA808.2/P36
108	Engineering mechanics. Dynamics	2017	Pytel, Andrew./Kiusalaa	Cengage Learning	0083223	TA352/P97
109	Engineering mechanics. Statics	2017	Pytel, Andrew./Kiusalaa	Cengage Learning	0083224	TA351/P98
110	Experimental mechanics of solids and structures	2016	Molimard, Jerome	ISTE, Ltd.	0083226	TA410/M65

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111	Mechanics of flow-induced sound and vibration. Volume 1, General concepts and elementary sources	2017	Blake, William K.	Academic Press	0083323	TA357/B53/v.1/
112	Laser-based additive manufacturing of metal parts : modeling, optimization, and control of mechanical properties	2018	Bian, Linkan./Usher, Jo	CRC Press, Taylor & F	0083357	TS171.95/L37
113	Advanced structural dynamics	2017	Kausel, E.	Cambridge University I	0083452	TA654/K38
114	The boundary element method for engineers and scientists : theory and applications	2016	Katsikadelis, John T.	Academic Press	0083540	TA347.B69/K38
115	Applied computational fluid dynamics	2017	Moreira, Olga	Arcler Press LLC	0083575	TA357/A67
116	放電加工技術の最前線2017	2017	木村孝生	日刊工業新聞社	C283346	446.84/8734
117	噴流工学:基礎と応用	2004	社河内敏彦	森北出版	C283347	332.69/8344
118	目で見てわかる:ドリルの選び方.使い方Visual Books	2016	澤武一	日刊工業新聞社	C283348	446.8945/8432
119	目で見てわかる:スローアウェイチップの選び方.使い方Visual Books	2016	澤武一	日刊工業新聞社	C283349	446.894/8432
120	切れ味を長もちさせる:切削工具の再研削技術&ノウハウ	2016	青木涉	日刊工業新聞社	C283350	446.8945/8475
121	おもしろサイエンス:刃物の科学	2017	朝倉健太郎	日刊工業新聞社	C283351	472.96/8469
122	現場で役立つドリル加工の勘どころ	2011	小川誠	日刊工業新聞社	C283352	446.8945/8472
123	トコトンやさしい:放電加工の本	2014	武澤英樹/武沢英樹	日刊工業新聞社	C283353	446.84/8348
124	高圧現象	1996	日本金屬學會/日本金	アグネ技術センター	C283354	472/8546-2

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1	Handbook of smoke control engineering	2012	Klote, John H.	American Society of H	0079918	TH1088.5/H36
2	Introduction to fluid mechanics	2016	Janna, William S.	CRC Press, Taylor & F	0079919	TA357/J36
3	Microscale and nanoscale heat transfer : analysis, design and application	2016	Rebay, Mourad,/Kakac, S	CRC Press	0079920	TJ260/M53
4	Time-optimal trajectory planning for redundant robots : joint space decomposition for redundancy resolution in non-linear optimization	2016	Reiter, Alexander	Springer Vieweg	0079921	TJ211/R45
5	Recent results on time-delay systems : analysis and control	2016	Witrant, Emmanuel,/Frid	Springer	0079923	TJ216/R43
6	Control, mechatronics and automation technology : proceedings of the International Conference on Control, Mechatronics and Automation Technology (ICCMAT 2014),	2016	Zheng, Dawei./Internati	CRC Press/Balkema	0079924	TJ163.12/I58
7	Tuning and control loop performance	2015	McMillan, Gregory K.	Momentum Press	0080295	TS156.8/M36
8	Introduction to dynamics and control in mechanical engineering systems	2016	To, Cho W. S.	John Wiley & Sons Inc	0080296	TJ170/T63
9	Creative design engineering : introduction to an interdisciplinary approach	2016	Taura, Toshiharu.	Academic Press is an in	0080297	TA174/T38
10	Introduction to optimum design	2017	Arora, Jasbir S.	Elsevier/Academic Pres	0080298	TA174/A76
11	Biofluid mechanics : principles and	2016	Ostadfar, Ali	Elsevier	0080877	QH513/O88
12	Robust and adaptive model predictive control of nonlinear systems	2015	Guay, Martin./Adetola,	The Institution of Engin	0081358	TJ217/G83
13	Understanding MEMS : principles and applications	2016	CastaA er, Luis	John Wiley & Sons	0081360	TK7875/C37
14	Mechanical design : a practical insight	2017	Parameswaran, M. A.	Alpha Science	0081436	TJ230/P37

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西文： 14 冊
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編號	書名	出版年	作者	出版社	登錄號	索書號
1	Aerodynamics for engineers	2014	Bertin, John J./Cumming	Prentice-Hall	0078299	TL570/B42
2	Modeling and analysis of dynamic systems	2014	Esfandiari, Ramin S./Lu	CRC Press, Taylor & F	0078381	TA342/E88
3	Engineering Equation Solver : application to engineering and thermal engineering	2014	Dash, Sukanta K.	Alpha Science Internat	0078403	TJ146/D37
4	Fundamentals of fracture mechanics	2008	Kundu, T.	CRC Press	0078404	TA409/K86
5	Microscale acoustofluidics	2015	Laurell, Thomas./Lensho	Royal Society of Chem	0078555	TJ853.4.M53/M53
6	Mechanical design of electric motors	2014	Tong, Wei	CRC Press, Taylor & F	0078556	TK2514/T66
7	Building ventilation : the state of the art	2006	Santamouris, M./Wouters	Earthscan	0078557	TH7654/B86
8	Preliminary design and economic investigations of diffuser augmented wind turbines (DAWT) : Final report	2012	Foreman, K. M./Solar E	BiblioGov	0078558	TK1541/F67
9	Innovation engineering in 10 minutes : a 10-minute guide to new engineering discipline of innovation like systems engineering and product engineering	2013	Sahu, Pradyot.	CreateSpace Independe	0078559	T173.8/S24
10	Electromechanical sensors and actuators	1999	Busch-Vishniac, Ilene J.	Springer	0078560	TK7872.T6/B87
11	Engineering system dynamics : a unified graph-centered approach	2007	Brown, Forbes T.	CRC Taylor & Francis	0078561	TA168/B675
12	Design of rotating electrical machines	2014	Pyrhonen, Juha./Jokinen	Wiley	0078569	TK2331/P97
13	Natural ventilation of buildings : theory, measurement and design	2012	Etheridge, David	Wiley	0078570	TH7674/E84
14	Applied mechanics with SolidWorks	2014	Onwubolu, Godfrey C.	Imperial College Press	0078571	TA351/O59
15	Optomechanical systems engineering	2015	Kasunic, Keith J.	John Wiley & Sons, In	0078572	TA1520/K38
16	Fundamentals of continuum mechanics : with applications to mechanical, thermomechanical, and smart materials	2015	Bechtel, Stephen E./Lov	Academic Press, an im	0078573	QA808.2/B43
17	Amateur car aerodynamics sourcebook	2013	Edgar, Julian.	Edgar Media	0078585	TL245/E34

中文： 0 冊
 西文： 28 冊
 合計： 28 冊

編號	書名	出版年	作者	出版社	登錄號	索書號
18	Automated weighing technology : process solutions	2013	Closs, Ralph./Vandelino	Momentum Press	0078586	QC107/C56
19	Thermodynamics for engineers	2015	Kroos, Kenneth A./Potter	Cengage Learning	0078587	TJ265/K746
20	Fundamentals of sound and vibration	2015	Fahy, Frank./Thompson	CRC Press	0078588	TA365/F87
21	The art of electronics	2015	Horowitz, Paul./Hill, Wirt	Cambridge University P	0078777	TK7815/H67
22	Mechanisms and machines : kinematics, dynamics, and synthesis	2015	Stanisic, Michael M.	Cengage Learning	0079316	TJ181/S73
23	Principles of engineering thermodynamics	2016	Reisel, John R.	Cengage Learning	0079317	TJ265/R45
24	Everyday calculus : discovering the hidden math all around us	2014	Fernandez, Oscar E.	Princeton University Pr	0079318	QA303.2/F47
25	Fluid mechanics	2016	Kundu, Pijush K./Cohen,	Academic Press	0079319	QA901/K86
26	Basic robotics	2016	Dinwiddie, Keith	Cengage Learning	0079541	TJ211/T56
27	Essentials of vehicle dynamics	2015	Pauwelussen, J. P.	Butterworth-Heineman	0079542	TL243/P38
28	Mechanical vibrations : theory and application to structural dynamics	2015	Geradin, Michel./Rixen,	Wiley	0079567	TA654/G45

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1	Kinematics and dynamics of machinery	2013	Norton, Robert L.	McGraw-Hill	0076104	TJ175/N57
2	Electricity and magnetism	2013	Purcell, Edward M./Mor	Cambridge University	0076122	QC522/P87
3	Engineering mechanics : Statics	2014	Hibbeler, R. C.	Prentice Hall	0076123	MA/TA351/H5
4	Laboratory methods of testing fans for certified aerodynamic performance rating.	2008	Air Movement and Con	Air Movement and Cor	0076147	LL/TH7683.F3/L33
5	Standard methods for laboratory airflow measurement : an American national	1992	American National Stand	American Society of H	0076148	TH7005/A4/41.2-1987/(RA 92)
6	Residential ventilation handbook : ventilation to improve indoor air quality	2010	Raymer, Paul H.	McGraw-Hill	0076149	TH7684.D9/R39
7	Sustainable on-site CHP systems : design, construction, and operations	2010	Meckler, Milton./Hyman,	McGraw-Hill	0076150	TK1041/M43
8	Materials science and engineering : an introduction	2014	Callister, William D./Re	John Wiley and Sons, I	0076162	TA403/C23
9	Applied methods and techniques for mechatronic systems : modelling, identification and control	2014	Liu, Lei.	Springer	0076163	TJ163.12/A67
10	Essentials of applied dynamic analysis	2014	Jia, Junbo.	Springer-Verlag	0076164	TA352/J53
11	Introduction to robotics	2013	Bajd, Tadej./Milhelj, Mat	Springer	0076165	TJ211/B35
12	Micromechanisms of friction and wear : introduction to relativistic tribology	2013	Liubimov, D. V./Dolgop	Springer	0076166	TJ1075/L58
13	The finite element method : theory, implementation, and applications	2013	Larson, Mats G./Bengzo	Springer	0076167	TA347.F5/L37
14	Multibody dynamics computational methods and applications / [electronic resource]	2010	Arczewski, Krzysztof.	Springer Science+Busi	0076231	TA350/M85
15	Applied fluid mechanics	2015	Mott, Robert L./Untener,	Pearson	0076432	TA357/M67
16	Applied structural and mechanical vibrations : theory and methods	2014	Gatti, Paolo L.	CRC	0076433	TA654/G38
17	Advanced engineering mathematics	2014	Turyn, Larry	CRC Press	0076434	TA330/T87
18	Applied hydrodynamics : an introduction	2014	Chanson, Hubert.	CRC Press, Taylor & F	0076435	TC171/C47

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西文： 41 冊
合計： 41 冊

編號	書名	出版年	作者	出版社	登錄號	索書號
19	Introduction to numerical and analytical methods with MATLAB for engineers and	2014	Bober, William	Taylor & Francis	0076436	TA335/B63
20	Mathematical modeling	2013	Meerschaert, Mark M.	Academic Press/Elsevier	0076437	QA401/M48
21	Mechanics of materials	2014	De Silva, Clarence W.	CRC Press	0076438	TA404.8/D43
22	Numerical methods for engineers and scientists using MATLAB	2013	Esfandiari, Ramin S.	CRC Press, Taylor & F	0076439	TA335/E84
23	The finite element method for fluid	2014	Zienkiewicz, O. C./Nithia	Butterworth-Heinemann	0076440	TA640.2/Z52
24	The finite element method for solid and structural mechanics	2014	Zienkiewicz, O. C./Fox,	Elsevier/Butterworth-H	0076441	TA640.2/Z54
25	Principles and applications of tribology	2013	Bhushan, Bharat	Wiley, John Wiley & S	0076597	TJ1075/B473
26	Vibro-impact dynamics	2013	Luo, Albert C. J./Guo, Y	John Wiley & Sons Inc	0076598	TA355/L86
27	Control of cutting vibration and machining instability : time-frequency approach for precision, micro and nano machining	2013	Suh, C. Steve./Liu, Meng	John Wiley & Sons, Inc	0076599	TJ1186/S86
28	Critical component wear in heavy duty engines	2011	Lakshminarayanan, P. A	J. Wiley & Sons	0076600	TJ788/L35
29	An introduction to fluid mechanics	2013	Morrison, Faith A.	Cambridge University I	0076601	QA901/M67
30	Gears and gear drives	2012	Jelaska, Damir.	John Wiley & Sons	0076602	TJ184/J45
31	Hybrid systems with constraints	2013	Daafouz, Jamal./Tarbouri	Iste	0076603	QA402.3/H93
32	Elements of structural dynamics : a new perspective	2012	Roy, Debasish Kumar,/I	Wiley	0076604	TA654/R69
33	Automotive brake systems	2014	Halderman, James D.	Pearson	0076605	TL269/H35
34	Engineering vibration	2014	Inman, D. J.	Pearson	0076606	TA355/I519
35	Machine design : an integrated approach	2014	Norton, Robert L.	Prentice Hall	0076613	TJ230/N64
36	Mechanical behavior of materials : engineering methods for deformation, fracture, and fatigue	2013	Dowling, Norman E.	Pearson	0076614	TA404.8/D68
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