



Product ID	Book Title	Author(s)	Imprint	Collection Year(s)	Subject Collection	Link
9781785482632	Model Driven Development for Embedded Software	Maxa , Jean-Aime	ISTE Press - Elsevier	2018	Engineering 2018	<a href="https://www.sciencedirect.com/book/9781785482632">https://www.sciencedirect.com/book/9781785482632</a>
9780128216149	Structural Dynamics Fundamentals and Advanced Applications	Kabe, Alvar M	Academic Press	2020	Engineering 2020	<a href="https://www.sciencedirect.com/book/9780128216149">https://www.sciencedirect.com/book/9780128216149</a>
9780128140567	Electro Hydraulic Control Theory and its Applications Under Extreme Environment	Yin, Yaobao	BUTTERWORTH HEINEMANN	2019	Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128140567">https://www.sciencedirect.com/book/9780128140567</a>
9780128146590	Wearable Robotics	Rosen, Jacob	Academic Press	2019	Biomedical Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128146590">https://www.sciencedirect.com/book/9780128146590</a>
9780128156575	Clinical Simulation	Chiniara, Gilles	ELSEVIER	2019	Biomedical Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128156575">https://www.sciencedirect.com/book/9780128156575</a>
9780128156551	The Artificial Pancreas	Sanchez-Pena, Riccardo	ACADEMIC PRESS	2019	Biomedical Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128156551">https://www.sciencedirect.com/book/9780128156551</a>
9780128180112	Spacecraft Collision Avoidance Technology	Zhang, Rongzhi	Academic Press	2020	Engineering 2020	<a href="https://www.sciencedirect.com/book/9780128180112">https://www.sciencedirect.com/book/9780128180112</a>
9780128156513	Semi-Empirical Neural Network Modeling	Tarkhov, Dmitriy	ACADEMIC PRESS	2019	Biomedical Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128156513">https://www.sciencedirect.com/book/9780128156513</a>
9780128163856	The Cognitive Approach in Cloud Computing and Internet of Things Technologies for Surveillance Tracking Systems	Peter, Dinesh	Academic Press	2020	Engineering 2020	<a href="https://www.sciencedirect.com/book/9780128163856">https://www.sciencedirect.com/book/9780128163856</a>
9780128180044	Classification Techniques for Medical Image Analysis and Computer Aided Diagnosis	Dey, Nilanjan		2019	Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128180044">https://www.sciencedirect.com/book/9780128180044</a>
9780128183182	Handbook of Data Science Approaches for Biomedical Engineering	Balas, Valentina Emilia	Academic Press	2020	Engineering 2020	<a href="https://www.sciencedirect.com/book/9780128183182">https://www.sciencedirect.com/book/9780128183182</a>
9780128152447	Renewable Energy Powered Desalination Handbook	Gude, Veera	BUTTERWORTH HEINEMANN	2018	Engineering 2018	<a href="https://www.sciencedirect.com/book/9780128152447">https://www.sciencedirect.com/book/9780128152447</a>
9781785482519	Multi-rotor Platform Based UAV Systems	Cazaurang, Franck	ISTE Press - Elsevier	2020	Engineering 2020	<a href="https://www.sciencedirect.com/book/9781785482519">https://www.sciencedirect.com/book/9781785482519</a>
9780128133729	Biomechanics and Gait Analysis	Stergiou, Nichola	Academic Press	2020	Biomedical Engineering 2020	<a href="https://www.sciencedirect.com/book/9780128133729">https://www.sciencedirect.com/book/9780128133729</a>
9780128195833	Computational Modeling in Bioengineering and Bioinformatics	Nenad, Filipovic	Academic Press	2019	Mathematical Sciences 2019	<a href="https://www.sciencedirect.com/book/9780128195833">https://www.sciencedirect.com/book/9780128195833</a>
9780128190456	Energy Efficiency of Medical Devices and Healthcare Facilities	Mohamed, Amr	Academic Press	2020	Energy 2020	<a href="https://www.sciencedirect.com/book/9780128190456">https://www.sciencedirect.com/book/9780128190456</a>
9780128149423	Intelligent Biomechatronics in Neurorehabilitation	Hu, Xiaoling	Academic Press	2019	Biomedical Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128149423">https://www.sciencedirect.com/book/9780128149423</a>
9780128146613	Principles of Heart Valve Engineering	Kheradvar, Arash	BUTTERWORTH HEINEMANN	2019	Biomedical Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128146613">https://www.sciencedirect.com/book/9780128146613</a>
9780128161630	Applied Human Factors in Medical Device Design	Privitera, Mary Beth	ACADEMIC PRESS	2019	Biomedical Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128161630">https://www.sciencedirect.com/book/9780128161630</a>
9780128184226	Principles of Tissue Engineering	Lanza, Robert	Academic Press	2020	Biochemistry, Genetics and Molecular Biology 2020	<a href="https://www.sciencedirect.com/book/9780128184226">https://www.sciencedirect.com/book/9780128184226</a>
9780128197790	Systems Simulation and Modeling for Cloud Computing and Big Data Applications	Peter, Dinesh	Academic Press	2020	Engineering 2020	<a href="https://www.sciencedirect.com/book/9780128197790">https://www.sciencedirect.com/book/9780128197790</a>
9780128199572	Tooling for Composite Aerospace Structures	Hasan, Zeaid	Butterworth-Heinemann	2020	Engineering 2020	<a href="https://www.sciencedirect.com/book/9780128199572">https://www.sciencedirect.com/book/9780128199572</a>
9780128183267	Nuclear Safety	Petrangeli, Gianni	Butterworth-Heinemann	2019	Energy 2019	<a href="https://www.sciencedirect.com/book/9780128183267">https://www.sciencedirect.com/book/9780128183267</a>
9780128170304	Handbook of Electronic Waste Management Best Practices	Prasad, M.N.V.	Butterworth-Heinemann	2019	Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128170304">https://www.sciencedirect.com/book/9780128170304</a>
9780128164587	Systems Engineering for Aerospace	Sheng, Richard	Academic Press	2019	Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128164587">https://www.sciencedirect.com/book/9780128164587</a>
9780128156599	Design and Operation of Human Locomotion Systems	Ceccarelli, Marco	ACADEMIC PRESS	2019	Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128156599">https://www.sciencedirect.com/book/9780128156599</a>
9780128161906	Electronic Waste Management and Treatment Technology	Prasad, M.N.V	GULF PROFESSIONAL PUBLISHING	2019	Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128161906">https://www.sciencedirect.com/book/9780128161906</a>
9780128183663	Data Democratization	Batareseh, Feras A.	Academic Press	2020	Engineering 2020	<a href="https://www.sciencedirect.com/book/9780128183663">https://www.sciencedirect.com/book/9780128183663</a>
9780128149621	Medical Device Design	Ogrodnik, Peter	Academic Press	2019	Biomedical Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128149621">https://www.sciencedirect.com/book/9780128149621</a>
9780128135860	An Introduction to Green Nanotechnology	Nasrollahzadeh, Mahmoud	ELSEVIER	2019	Chemical Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128135860">https://www.sciencedirect.com/book/9780128135860</a>
9780128163900	Advances in Biomechanics and Tissue Regeneration	Hamdy Doweidar, Mohamed	ACADEMIC PRESS	2019	Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128163900">https://www.sciencedirect.com/book/9780128163900</a>

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9780128182475	Artificial Neural Networks for Engineering Applications	Alanis, Alma	Academic Press	2019	Biomedical Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128182475">https://www.sciencedirect.com/book/9780128182475</a>
9780128169483	Telemedicine Technologies	Hemanth, D. Jude	Academic Press	2019	Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128169483">https://www.sciencedirect.com/book/9780128169483</a>
9780128150283	Innovations and Emerging Technologies in Wound Care	Gefen, Amit	ELSEVIER	2019	Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128150283">https://www.sciencedirect.com/book/9780128150283</a>
9780128158135	Pollution Control Technology for Leachate from Municipal Solid Waste	Youcal, Zhao	BUTTERWORTH HEINEMANN	2018	Engineering 2018	<a href="https://www.sciencedirect.com/book/9780128158135">https://www.sciencedirect.com/book/9780128158135</a>
9780128157138	Handbook of Vascular Motion	Cheng, Christopher	ELSEVIER	2019	Biomedical Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128157138">https://www.sciencedirect.com/book/9780128157138</a>
9780128181461	Big Data Analytics for Intelligent Healthcare Management	Dey, Nilanjan	Academic Press	2019	Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128181461">https://www.sciencedirect.com/book/9780128181461</a>
9780128152546	Neural Network Modeling and Identification of Dynamical Systems	Tiumentsev, Yuri	ELSEVIER	2019	Biomedical Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128152546">https://www.sciencedirect.com/book/9780128152546</a>
9780128170786	Neural Networks Modelling and Control	Alanis, Alma	Academic Press	2020	Engineering 2020	<a href="https://www.sciencedirect.com/book/9780128170786">https://www.sciencedirect.com/book/9780128170786</a>
9780128159071	Industrial and Municipal Sludge	Vara Prasad, Majeti Narasimha	ACADEMIC PRESS	2019	Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128159071">https://www.sciencedirect.com/book/9780128159071</a>
9780128160343	Biomedical Information Technology	Feng, David	ELSEVIER	2019	Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128160343">https://www.sciencedirect.com/book/9780128160343</a>
9780128151150	High-Density Integrated Electroocortical Neural Interfaces	Ha, Sohyung	ACADEMIC PRESS	2019	Biomedical Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128151150">https://www.sciencedirect.com/book/9780128151150</a>
9780128180143	Real-Time Data Analytics for Large Scale Sensor Data	Das, Himansu	Academic Press	2019	Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128180143">https://www.sciencedirect.com/book/9780128180143</a>
9780128162460	Sustainable Water Treatment	Scholz, Miklas	ACADEMIC PRESS	2018	Chemical Engineering 2018	<a href="https://www.sciencedirect.com/book/9780128162460">https://www.sciencedirect.com/book/9780128162460</a>
9780128198162	Handbook of Research on Blockchain Technology	Krishnan, Saravanan	Academic Press	2020	Engineering 2020	<a href="https://www.sciencedirect.com/book/9780128198162">https://www.sciencedirect.com/book/9780128198162</a>
9780128168011	Advances in Ubiquitous Computing	Neustein, Amy	Academic Press	2020	Engineering 2020	<a href="https://www.sciencedirect.com/book/9780128168011">https://www.sciencedirect.com/book/9780128168011</a>
9780128171950	Biomechanics of Coronary Atherosclerotic Plaques	Ohayon, Jacques	Academic Press	2020	Biomedical Engineering 2020	<a href="https://www.sciencedirect.com/book/9780128171950">https://www.sciencedirect.com/book/9780128171950</a>
9780128138861	Bioengineering Innovative Solutions for Cancer	Ladame, Sylvain	ACADEMIC PRESS	2019	Biomedical Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128138861">https://www.sciencedirect.com/book/9780128138861</a>
9780128195956	Exploring Mathematical Modeling in Biology Through Case Studies and Experimental Activities	Sanft, Rebecca	Academic Press	2020	Engineering 2020	<a href="https://www.sciencedirect.com/book/9780128195956">https://www.sciencedirect.com/book/9780128195956</a>
9780128140581	Analytical Solutions for Extremal Space Trajectories	Azimov, Dilmurat	BUTTERWORTH HEINEMANN	2018	Engineering 2018	<a href="https://www.sciencedirect.com/book/9780128140581">https://www.sciencedirect.com/book/9780128140581</a>
9780128133842	Osseointegration of Orthopaedic Implants	Goharian, Amirhossein	ACADEMIC PRESS	2019	Biomedical Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128133842">https://www.sciencedirect.com/book/9780128133842</a>
9780128188415	Trends in Development Accelerated Testing for Automotive and Aerospace Engineering	Klytis, Lev	Academic Press	2020	Engineering 2020	<a href="https://www.sciencedirect.com/book/9780128188415">https://www.sciencedirect.com/book/9780128188415</a>
9780128136522	Urban Water Distribution Networks	Christodoulou, Symeon		2017	Engineering 2017	<a href="https://www.sciencedirect.com/book/9780128136522">https://www.sciencedirect.com/book/9780128136522</a>
9780128173565	Internet of Things in Biomedical Engineering	Balas, Valentina Emilia		2019	Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128173565">https://www.sciencedirect.com/book/9780128173565</a>
9780128146873	EEG-Based Brain-Computer Interface	Bansal, Dipali	ACADEMIC PRESS	2019	Biomedical Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128146873">https://www.sciencedirect.com/book/9780128146873</a>
9780081018699	Space Safety and Human Performance	Kanki, BarbaraKanki, Barbara	BUTTERWORTH HEINEMANN	2017	Engineering 2017	<a href="https://www.sciencedirect.com/book/9780081018699">https://www.sciencedirect.com/book/9780081018699</a>
9780128123096	Tethered Space Robot	Huang, Panfeng	ACADEMIC PRESS	2018	Engineering 2018	<a href="https://www.sciencedirect.com/book/9780128123096">https://www.sciencedirect.com/book/9780128123096</a>
9780128153697	Wearable and Implantable Medical Devices	Dey, Nilanjan	Academic Press	2019	Biomedical Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128153697">https://www.sciencedirect.com/book/9780128153697</a>
9780128165072	Medical Data Sharing, Harmonization and Analytics	Fotiadis, Dimitrios	Academic Press	2020	Engineering 2020	<a href="https://www.sciencedirect.com/book/9780128165072">https://www.sciencedirect.com/book/9780128165072</a>
9780128199961	Stabilization and Dynamic of Premixed Swirling Flames	Palies, Paul	Academic Press	2020	Engineering 2020	<a href="https://www.sciencedirect.com/book/9780128199961">https://www.sciencedirect.com/book/9780128199961</a>
9780128125816	Energy Efficiency in Air Transportation	Benito, Arturo	BUTTERWORTH HEINEMANN	2018	Engineering 2018	<a href="https://www.sciencedirect.com/book/9780128125816">https://www.sciencedirect.com/book/9780128125816</a>
9780128184523	Numerical PDE Analysis of Retinal Neovascularization Mathematical Model Computer Implementation in R	Schiesser, William E.	Academic Press	2019	Biomedical Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128184523">https://www.sciencedirect.com/book/9780128184523</a>
9780081005408	Aircraft Sustainment and Repair	Jones, Rhys	BUTTERWORTH HEINEMANN	2017	Engineering 2017	<a href="https://www.sciencedirect.com/book/9780081005408">https://www.sciencedirect.com/book/9780081005408</a>
9780128175941	Artificial Intelligence for Computational Modeling of the Heart	Mansi, Tommaso	Academic Press	2019	Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128175941">https://www.sciencedirect.com/book/9780128175941</a>
9780128142455	Handbook of Robotic and Image-Guided Surgery	Abedin-Nasab, Mohammad	ELSEVIER	2019	Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128142455">https://www.sciencedirect.com/book/9780128142455</a>
9780128129395	Biomechatronics	Popovic, Marko	ACADEMIC PRESS	2019	Engineering 2019	<a href="https://www.sciencedirect.com/book/9780128129395">https://www.sciencedirect.com/book/9780128129395</a>
9780444635044	New and Future Developments in Microbial Biotechnology and Bioengineering	Gupta, Vijai	ELSEVIER	2019	Chemical Engineering 2019	<a href="https://www.sciencedirect.com/book/9780444635044">https://www.sciencedirect.com/book/9780444635044</a>
9780128190616	Deep Learning Techniques for Biomedical and Health Informatics	Agarwal, Basant	Academic Press	2020	Engineering 2020	<a href="https://www.sciencedirect.com/book/9780128190616">https://www.sciencedirect.com/book/9780128190616</a>
9780081009390	Advanced Composite Materials for Aerospace Engineering	Rana, Sohel	Woodhead Publishing	2016	Materials Science 2016	<a href="https://www.sciencedirect.com/book/9780081009390">https://www.sciencedirect.com/book/9780081009390</a>
9780128203415	A Beginner's Guide to Data Agglomeration and Intelligent Sensing	Mukherjee, Amarty	Academic Press	2020	Engineering 2020	<a href="https://www.sciencedirect.com/book/9780128203415">https://www.sciencedirect.com/book/9780128203415</a>

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9780128044742	Principles of Nuclear Rocket Propulsion	Emrich, Jr., William	BUTTERWORTH HEINEMANN	2016	Engineering 2016	<a href="https://www.sciencedirect.com/book/9780128044742">https://www.sciencedirect.com/book/9780128044742</a>
9780081021330	Orbital Mechanics for Engineering Students	Curtis, Howard	ST+H-S TextBooks	2020	Engineering S020/Aerospace Engineering	<a href="https://www.sciencedirect.com/book/9780081021330">https://www.sciencedirect.com/book/9780081021330</a>
9780128216156	Structural Dynamics Fundamentals and Advanced Applications	Kabe, Alvar M	Academic Press	2020	Engineering 2020	<a href="https://www.sciencedirect.com/book/9780128216156">https://www.sciencedirect.com/book/9780128216156</a>
9780444639790	Radiation	Obodovskiy, Ilya	ELSEVIER	2019	Mathematical Sciences 2019	<a href="https://www.sciencedirect.com/book/9780444639790">https://www.sciencedirect.com/book/9780444639790</a>