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Sl. No.	Title	Author
1	Solving Problems of Simple Structural Mechanics	Seffen
2	Advanced Turbulent Combustion Physics and Applications	Swaminathan et al
3	Vibration Protection Systems	Lee/Goverdovskiy
4	Radial Flow Turbocompressors	Casey/Robinson
5	A Unified Computational Fluid Dynamics Framework from Rarefied to Continuum Regimes	Xu
6	Duct Acoustics	Dokumacı
7	Aircraft Aerodynamic Design with Computational Software	Rizzi/Oppelstrup
8	Distinct Aerodynamics of Insect-Scale Flight	Hefler et al
9	Modern Impact and Penetration Mechanics	Walker
10	Transition to Turbulence	Sengupta
11	Bioinspired Structures and Design	Soboyejo/Daniel
12	Rigid Body Kinematics	Battle/Barjau Condomines
13	Introduction to Spacecraft Thermal Design	Silk
14	A Gallery of Combustion and Fire	Baukal, Jr. et al

15	Ocean Waves and Oscillating Systems	Falnes/Kurniawan
16	Wireless Communications and Networking for Unmanned Aerial Vehicles	Saad et al
17	Discrete and Continuum Models for Complex Metamaterials	dell'Isola/Steigmann
18	Chemical Kinetics in Combustion and Reactive Flows	Naoumov et al
19	Dynamics and Control of Autonomous Space Vehicles and Robotics	Vepa
20	Gas Turbines for Electric Power Generation	Gülen
21	Energy Deposition for High-Speed Flow Control	Knight
22	Flow Control Techniques and Applications	Wang/Feng
23	Nonlinear Mechanics of Shells and Plates in Composite, Soft and Biological Materials	Amabili
24	Gas Turbines	Sultanian
25	Applied Nonsingular Astrodynamics	Kéchichian
26	Plasma Dynamics for Aerospace Engineering	Shang/Surzhikov
27	Cellular Flows	Shtern
28	Advanced Structural Dynamics	Kausel
29	Collision Phenomena in Liquids and Solids	Yarin/Roisman/Tropea
30	Vibration of Nearly Periodic Structures and Mistuned Bladed Rotors	Sinha

31	Nonequilibrium Gas Dynamics and Molecular Simulation	Boyd/Schwartzentruber
32	Foundations of Gas Dynamics	Chen
33	Introduction to Surface Engineering	Dearnley
34	Bioinspired Actuators and Sensors	Taya et al
35	Flow Measurement Handbook	Baker
36	Coarse Grained Simulation and Turbulent Mixing	Grinstein
37	Advanced Computational Fluid and Aerodynamics	Tucker
38	Fatigue Design of Marine Structures	Lotsberg
39	Fundamentals of Engineering Tribology with Applications	Hirani
40	Fracture Mechanics	Maiti
41	Continuum Mechanics and Thermodynamics of Matter	Paolucci
42	Dynamics	Roithmayr/Hodges/Cross
43	High-Speed Marine Craft	Mantle
44	Continuum Mechanics	Jog
45	Mechanics of Aero-structures	Nair
46	Fluid Mechanics	Jog

47	Active Radar Cross Section Reduction	Singh/Jha
48	Acoustics and Aerodynamic Sound	Howe
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54	Dynamics of Multibody Systems	Shabana
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56	Cavitation and Bubble Dynamics	Brennen
57	An Introduction to Continuum Mechanics	Reddy
58	Fundamentals of Engineering Plasticity	Hosford
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60	An Introduction to Flapping Wing Aerodynamics	Shyy et al
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108	Elements of Numerical Methods for Compressible Flows	Knight
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112	Fundamentals of Multiphase Flow	Brennen
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114	Engineering Tribology	Williams
115	Introduction to Computational Fluid Dynamics	Date
116	Large-Eddy Simulations of Turbulence	Lesieur/Métais/Comte
117	Liquid Sloshing Dynamics	Ibrahim
118	Internal Flow	Greitzer/Tan/Graf
119	Gear Geometry and Applied Theory	Litvin/Fuentes
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126	Mechanics of Composite Structures	Kollár/Springer

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