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- TK
1541
W56
2012
- Ackerman, Thomas, ed. Wind power in power systems. 2nd ed. 2012. 1049 p.
- QC
670
A33
2016
- Adams, Arlon T., Jay Kyoong Lee. Electromagnetics. Rev. 1st ed. 2016. 570 p.
- TK
3226
A44
2015
- Ametani, Akihiro, Teruo Ohno, Naoto Nagaoka. Cable systems transients : theory, modeling and simulation. 2015. 395 p.
- TK
1005
H36
2015
- Beaty, H. Wayne, Surya Santoso, ed. Handbook of electric power calculations. 4th ed. 2015. 738 p.
- TA
405
B44
2015
- Beer, Ferdinand [and three others]. Mechanics of materials. 7th ed. in SI units. 2015. 831 p.
- TK
5103.592
F52
B56
2015
- Binh, Le Nguyen. Optical fiber communication systems with Matlab Simulink® models. 2nd ed. 2015. 871 p.
- TJ
163.2
B53
2015
- Blazev, Anco S. Energy security for the 21st century. 2015. 779 p.
- TK
2448
B65
2016
- Boldea, Ion. Variable speed generators. 2nd ed. 2016. 580 p.

- TJ
265
C45
2015
- Cengel, Yunus A., Michael A. Boles. Thermodynamics : an engineering approach. 8th ed. in SI units. 2015. 954 p.
- TK
7868
P7
P75
2016
- Coombs, Clyde F., Jr., Happy T. Holden, co-editor-in-chiefs. Printed circuits handbook. 7th ed. 2016. 1617 p.
- TK
2796
C67
2015
- Corradini, Luca [and three others]. Digital control of high-frequency switched-mode power converters. 2015. 334 p.
- TP
155.2
T45
D34
2015
- Dahm, Kevin D., Donald P. Visco Jr., SI ed. prepared by Jayanth Singh. Fundamentals of chemical engineering thermodynamics. SI ed. 2015. 763 p.
- TA
710.5
D37
2017
- Das, Braja M. Principles of soil dynamics. 3rd ed. Int'l. ed. 2017. 594 p.
- S
613
D37
2014
- Das, Guru Sharan. Irrigation and drainage. 2014. 294 p.
- TK
1010
D37
2015
- Das, J. C. Power system harmonics and passive filter designs. 2015. 844 p.
- TP
363
D55
2016
- Dincer, Ibrahim, Calin Zamfirescu. Drying phenomena : theory and applications. 2016. 482 p.
- TC
145
D59
2012
- Dixon, Samuel, ed. Water resources engineering. 2012. 272 p.

- TK
3105
E54
2015
Du, Pengwei., Ning Lu, ed. Energy storage for smart grids : planning and optimization for renewable and variable energy sources (VERs). 2015. 331 p.
- TJ
808
D86
2015
Dunlap, Richard A. Sustainable energy. 2015. 562 p.
- TP
1087
U46
2016
Elvers, Barbara, editor in chief. Ullmann's polymers and plastics : products and processes. 2016. 4 volumes (xix, 1853 pages).
- TA
654
G47
2015
Geradin, Michel, Daniel J. Rixen. Mechanical vibrations : theory and application to structural dynamics. 3rd ed. 2015. 598 p.
- TA
403
G55
2015
Gilmore, Charles M. Materials science and engineering properties. 2015. 726 p.
- TK
7881.15
G89
2015
Guzinski, Jarowslaw, Haitham Abu-Rub, Patryk Strankowski. Variable speed AC drives with inverter output filters. 2015. 315 p.
- TJ
223
P76
H36
2015
Hanssen, Dag H. Programmable logic controllers : a practical approach to IEC 61131-3 using CODESYS. 2015. 400 p.
- TA
683.2
H37
2015
Hassoun, M. Nadim, Akthem Al-Manaseer. Structural concrete: theory and design. 6th ed. 2015. 1039 p.
- TK
7815
H39
2016
Hayes, Thomas C. , with the assistance of Paul Horowitz. Learning the art of electronics : a hands-on lab course. 2016. 1141 p.
- TJ
828
H46
2012
Hemami, Ahmad. Wind turbine technology. 2012. 392 p.

- TA
710
I84
2015
- Ishibashi, Isao, Hemanta Hazarika. Soil mechanics fundamentals and applications. 2nd ed. 2015. 408 p.
- TK
7874
J34
2016
- Jaeger, Richard C., Travis N. Blalock. Microelectronic circuit design. 5th ed. 2016. 1325 p.
- TJ
930
J36
2015
- Janna, William S., SI ed. prepared by Raj P. Chhabra. Design of fluid thermal systems. SI ed. 4th ed. 2014. 640 p.
- TS
227
J44
2008
- Jeffus, Larry. Welding: principles and applications. 6th ed. 2008. 911 p.
- QC
665
E4
J56
2015
- Jin, Jian-Ming. Theory and computation of electromagnetic fields. 2nd ed. 2015. 715 p.
- TA
357
H36
2016
- Johnson, Richard W., ed. Handbook of fluid dynamics. 2nd ed. 2016. 1 volume in various pagings.
- TP
339
B56
2015
- Jose, Shibu, Thallada Bhaskar, ed. Biomass and biofuels : advanced biorefineries for sustainable production and distribution. 2015. 372 p.
- TJ
797
K37
2015
- Karim, Ghazi A. Dual-fuel diesel engines. 2015. 295 p.
- TK
1541
K68
2014
- Kothari, D. P., S. Umashankar. Wind energy systems and applications. 2014. 1 volume in various pagings.
- TA
145
L33
2014
- Labi, Samuel, foreword by Richard de Neufville. Introduction to civil engineering systems : a systems perspective to the development of civil engineering facilities. 2014. 1032 p.

<p>TJ 820 L36 2016</p>	<p>Landberg, Lars. Meteorology for wind energy : an introduction. 2016. 204 p.</p>
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<p>TA 170 M54 2014</p>	<p>Mihelcic, James R., Julie Beth Zimmerman, authors and editors., Martin T. Auer [and eight others], contributing authors. Environmental engineering : fundamentals, sustainability, design. 2nd ed. 2014. 380 p.</p>
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- TJ
217.5
M63
2013
- Raol, Jitendra A., Ajith K. Gopal, ed. Mobile intelligent autonomous systems. 2013. 804 p.
- TK
6564.3
W57
2015
- Rhee, Wooegeun, Krzysztof Iniewski, ed. Wireless transceiver circuits : system perspectives and design aspects. 2015. 556 p.
- TD
657
R67
2014
- Rossmiller, Ronald Leroy. Stormwater design for sustainable development. 2014. 401 p.
- TK
7885.7
R68
2016
- Roth, Charles H., Jr., Lizy Kurian John, Byeong Kil Lee. Digital systems design using Verilog. 1st ed. 2016. 582 p.
- TK
7867
S24
2014
- Saggio, Giovanni. Principles of analog electronics. 2014. 547 p.
- TH
7638
S55
2016
- Silberstein, Eugene. Heat pumps. 2nd ed. 2016. 662 p.
- GB
661.2
S56
2014
- Singh, Brajendra. Digital water hydrology : theory and practice. 2014. 288 p.
- HD
9450.5
S63
2016
- Soares, Nuno F., Cristina M. A. Martins, Antonio A. Vicente. Food safety in the seafood industry : a practical guide for ISO 22000 and FSSC 22000 implementation. 2016. 180 p.
- T
58.6
S73
2014
- Stair, Ralph M., George W. Reynolds. Principles of information systems. 11th ed. 2014. 716 p.
- QA
279
S74
2014
- Stefanoiu, Dan, [and four others]. Optimization in engineering sciences : metaheuristics, stochastic methods and decision support. 2014. 415 p.

<p>TA 170 S77 2016</p>	<p>Striebig, Bradley A., Adebayo A. Ogundipe, Maria Papadakis. Engineering applications in sustainable design and developments. SI ed. 2016. 762 p.</p>
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TT
180
D37
2016

Darke, Danny. Wood pallet workshop : 20 DIY projects that turn forgotten wood into stylish home furnishings. 2016. 149 p.