

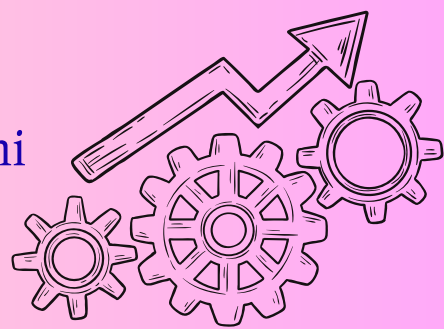
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2	Acha, E. (2002). <i>Power electronic control in electrical systems</i> . Oxford: Newnes. 621.382 ACH-P 143222 CL
3	Adibi M. M. (Ed.) (2000). <i>Power system restoration: methodologies and implementation strategies</i> . New York: IEEE Press. 621.311 -POW 153599; 155451 CL; EE
4	Agarwal, K.C. (2001). <i>Industrial power engineering and applications handbook</i> . Boston: Newnes. RL-HB 658.26(021) AGA-I 142217 REF
5	Agrawal, K.C. (2007). <i>Electrical power engineering: reference and applications handbook</i> . Noida: Knowledge Books. RL-HB 621.311(021) AGR-E 149945 REF
6	Ahmed, Mukhtar (2013). <i>Power system state estimation</i> . Norwood: Artech House. 621.311 AHM-P 165609 CL
7	Akagi, Hirofumi, Watanabe, Edson Hirokazu Aredes, Mauricio (2017). <i>Instantaneous power theory and applications to power conditioning, 2nd ed</i> . Hoboken: Wiley-IEEE Press. 621.372.54 AKA-I 171723 CL
8	Aligarh Muslim University, Aligarh (1971). <i>Sequential summer school in irrigation and water power engineering</i> . Aligarh: Aligarh Muslim University, Aligarh. 626/627[042] A.M.U-S G17816 CL
9	Arrillaga, J. (1983). <i>High voltage direct current transmission</i> . London: Peter Peregrinus. 621.3.029 ARR-H 123871 EE
10	Badescu, Viorel Lazaroiu, George Cristian Barelli, Linda (2020). <i>Power engineering; advances and challenges</i> . Boca Raton: CRC Press. 621.3 -POW 175786 CL
11	Barrows, H. K. (1943). <i>Water power engineering</i> . New York: McGraw-Hill. 621.22 BAR-W 2045; 83816 CL
12	Barsukov, Yevgen, Qian, Jinrong (2013). <i>Battery power management for portable devices</i> . Norwood: Artech House. 621.316.56 BAR-B 165204-165205 CL; EE
13	BHRA Fluid Engineering (1978). <i>Fluid power symposium held at St.John's College Cambridge, England</i> . Cranfield: BHRA Fluid Engineering. 621.641(063) INT 90775-90776 CL

14	BHRA Fluid Engineering (1981). <i>Fluid power symposium held at St.John's College Cambridge, England</i> . Cranfield: BHRA Fluid Engineering. 621.641(063) INT 90780 CL
15	Blackburn, J. Lewis, Domin Thomas (2007). <i>Protective relaying: principles and applications, 3rd ed.</i> Boca Raton: Taylor & Francis. 621.316.925 BLA-P 150742 CL
16	Boldea, Ion (2006). <i>Electric generators handbook</i> . Boca Raton: Taylor & Francis. RL-HB 621.313.12(021) -ELE 148219-148220 REF
17	Bollen, Math H.J., Gu, Irene Y. H. (2006). <i>Signal processing of power quality disturbances</i> . Hoboken: John Wiley/ IEEE. 621.311 BOL-S 149615; 158103 CL; EE
18	Borlase, Stuart (2018). <i>Smart grids: advanced technologies and solutions, 2nd ed.</i> Boca Raton: CRC Press. 621.3.032.24:681.5 -SMA 171809 CL
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20	Brown, Richard E. (2009). <i>Electric power distribution reliability</i> . Boca Raton: Taylor & Francis. 621.311 BRO-E 152899 CL
21	Ceraolo, Massimo, Poli, Davide (2014). <i>Fundamentals of electric power engineering: from electromagnetics to power systems</i> . New Jersey: John Wiley. 621.311 CER-F 168541 CL
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25	Chowdhury, Tamalika, Chakrabarti, Abhijit Chanda, Chandan Kumar (2021). <i>Power transmission system analysis against faults and attacks</i> . Boca Raton: CRC Press. 621.316 CHO-P 180316 CL
26	Crow, Mariesa L. (2016). <i>Computational methods for electric power systems, 3rd ed.</i> Boca Raton: CRC Press. 621.311:519.6 CRO-C 168706 EE
27	Curtis, Peter M. (2007). <i>Maintaining mission critical systems in a 24/7 environment</i> . Hoboken: John Wiley. 62-027.28 CUR-M 153446; 154552 CL; EE

28	Dandekar, M. M. & Sharma, K. N. (2013). <i>Water power engineering, 2nd ed.</i> New Delhi: Vikas Publishing House. 621.22 DAN-W 166246-166255 CL; TB
29	Das, J. C. (2002). <i>Power system analysis: short-circuit load flow and harmonics.</i> Boca Raton: Taylor & Francis. 621.311 DAS-P 152050 CL
30	Das, J. C. (2012). <i>Power system analysis: short-circuit load flow and harmonics, 2nd ed.</i> Boca Raton: Taylor & Francis. 621.311 DAS-P 161032 CL
31	Das, J. C. (2015). <i>Power system harmonics and passive filter designs.</i> Hoboken: John Wiley. 621.311 DAS-P 167704 CL
32	Das, J. C. (2017). <i>Understanding symmetrical components for power system modeling.</i> New Jersey: IEEE/ John Wiley. 621.315 DAS-U 173243 CL
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34	Degeneff, Robert C., Hesse M. Harry (2012). <i>Principles of power engineering analysis.</i> Boca Raton: Taylor and Francis. 621.30 DEG-P 163863 CL
35	EI-Hawary, Mohamed E. (2000). <i>Electrical energy systems.</i> Boca Raton: CRC Press. 621.31 EIH-E 140610 CL
36	Elgerd, Olle I. (1977). <i>Basic electric power engineering.</i> California: Addison-Wesley. 621.3 ELG-B 78804; 80578 CL; EE
37	Elgerd, Olle I., Van der Puije Patrick D. (1998). <i>Electric power engineering, 2nd ed.</i> New York: Chapman and Hall. 621.31 ELG-E 140066 CES
38	El-Hawary, Mohamed E. (Ed.) (2017). <i>Advances in electric power and energy systems: load and price forecasting.</i> Hoboken: John Wiley. 621.311 -ADV 170567 CL
39	El-Wakil, M.M. (1962). <i>Nuclear power engineering.</i> New York: McGraw Hill. 621.039 ELW-N 24455; 62166; 70225 CL; TB; BB
40	Eremia, Mircea, Liu, Chen-Ching, Edris, Abdel-Aty (Eds.) (2016). <i>Advanced solutions in power systems: HVDC, FACTS, and artificial intelligence.</i> Hoboken: John Wiley. 621.311.1 -ADV 170241 CL
41	Evans F. J. (1969). <i>Theory of similarity and simulation: with applications to problems in electrical power engineering.</i> London: Macdonald. 681.33:621.311 VEN-T 43682; 59893 CL; EE

42	Fehr, Ralph E. (2016). <i>Industrial power distribution, 2nd ed.</i> New Jersey: John Wiley. 621.316 FEH-I 169004 CL
43	Gharehpetian, Gevork B., Yazdani, Atousa Zaker, Behrooz (2023). <i>Power system transients: modelling simulation and applications.</i> Boca Raton: CRC Press. 621.311 GHA-P 180357 CL
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51	Harlow James H. (Ed.) (2007). <i>Electric power transformer engineering, 2nd ed.</i> Boca Raton: Taylor & Francis. RL-HB 621.311(021) -ELE 155537 REF
52	Harlow James H. (Ed.) (2012). <i>Electric power transformer engineering, 3rd ed.</i> Boca Raton: Taylor and Francis. RL-HB 621.311(021) -ELE 162755 REF
53	IEEE (1978). <i>IEEE power engineering society discussion and closures of abstracted papers from the winter meeting.</i> New York: IEEE. 621.313(063) -DIC 86722 CL
54	IEEE (1979). <i>Power engineering society.</i> New York: IEEE. 621.3(063) -POW 86714 CL
55	IEEE (1976). <i>Power engineering society: Conference papers.</i> New York: IEEE. 621.313(063) -POW 79165 CL

56	IEEE (1978). <i>Power engineering society: Conference papers</i> . New York: IEEE. 621.311(063) -POW 86211 CL
57	IEEE (1975). <i>Power engineering society: Conference papers</i> . New York: IEEE. 621.313(063) -POW 79166 CD
58	IEEE Press (2000). <i>Understanding power quality problems: voltage sags and interruptions</i> . New York: IEEE Press. 621.3.016 BOL-U 139880 CL
59	Institution of electrical engineers (1986). <i>Industrial power engineering: Proceedings</i> . London: Institution of electrical engineers. 621.397.13(063) INT-H 111331 CD
60	Institution of Mechanical Engineers (1984). <i>Microprocessors in fluid power engineering</i> . London: MEP. 621-498:681.301(063) INT-M 107334 ME
61	International Centre for Heat and Mass Transfer (1985). <i>Measurement techniques in power engineering</i> . Washington: Hemisphere. 621.317 -MEA 102643 CL
62	Ishigai, Seikan (Ed.) (1999). <i>Steam power engineering: thermal and hydraulic design principles</i> . Cambridge: Cambridge University Press. 621.311.2 -STE 139051 ME
63	Iyer, Shivkumar Venkatraman (2020). <i>Digital filter design using python for power engineering applications: an open source guide</i> . Cham: Springer. 621.372.54:681.3P IYE-D 177593 CL
64	Karady, George G., Holbert, Keith E. (2005). <i>Electrical energy conversion and transport: an interactive computer- based approach</i> . Hoboken: John Wiley. 620.93 KAR-E 147934 CL
65	Karady, George G., Holbert, Keith E. (2013). <i>Electrical energy conversion and transport: an interactive computer-based approach, 2nd ed</i> . Hoboken: John Wiley/ IEEE. 621.311 KAR-E 165230 CL
66	Kluwer Academic Publishers (1994). <i>Materials for advanced power engineering 1994</i> . Dordrecht: Kluwer Academic Publishers. 620.1;621.18(063) CON-M 134204-134205 CD
67	Knable, Alvin H. (1967). <i>Electrical power systems engineering problems and solutions</i> . New York: McGraw-Hill. 621.3.016.2 KNA-E 34141; 43791 CL
68	Knight, U.G. (1974). <i>Power systems engineering and mathematics</i> . Oxford: Pergamon. 621.311:51 KNI-P G16337 CL
69	Kothari (1991). <i>Recent Advances in Power Systems engineering</i> . New Delhi: IIT. 621.311.1 -Q.I.P. G20811 CL

70	Kothari M. L. (Ed.) (1991). <i>Recent advances in power systems engineering: proceeding held at IIT Delhi on 20-31 May 1991</i> . New Delhi: IIT Delhi. CD 621.311.1(063) QIP-R G20812 CD
71	Krause, Paul (2017). <i>Introduction to electric power and drive systems</i> . Hoboken: IEEE PRESS/John Wiley. 621.313 -INT 170471 CL
72	Krause, Paul C., Oleg Wasynczuk, Scott, D. Sudhoff (2004). <i>Analysis of electric machinery and drive systems, 2nd ed.</i> New York: John Wiley. 621.313 KRA-A 146902-146907 CL; EE; TB
73	Kumar, D. S. (1987). <i>Fluid mechanics and fluid power engineering</i> . New Delhi: S.K. Kataria & Sons. 532.5 KUM-F G23571; AM0232 TB; AM
74	Lai, Loi Lei (1998). <i>Intelligent system applications in power engineering: evolutionary programming and neural networks</i> . Chichester: John Wiley & Sons. 681.3 LAI-I 140588 CES
75	Lakervi, E., Holmes E. J. (1989). <i>Electricity distribution network design</i> . London: Peregrinus. 621.316 LAK-E 125330 CL
76	Lee, Kwang Y., El-Sharkawi, Mohamed A. (2008). <i>Modern heuristic optimization techniques: theory and applications to power systems</i> . Hoboken: John Wiley. 621.311:519.85 -MOD 155088 EE
77	Li, Wenyuan (2011). <i>Probabilistic transmission system planning</i> . New Jersey: John Wiley. 621.315 LI-P 162645 CL
78	Lin, Jeremy, Magnago, Fernando H. (2017). <i>Electricity markets: theories and applications</i> . Hoboken: John Wiley. 621.311:339.13 LIN-E 171011 CL
79	Lipo, Thomas A. (2017). <i>Introduction to AC machine design</i> . Hoboken: Wiley-IEEE Press. 621.313.3 LIP-I 172906 CL
80	Magal, B. S. (1990). <i>Solar power engineering</i> . New Delhi: Tata McGraw-Hill. 523.72 MAG-S 124825; 125143 CL
81	Marecki, J. (1988). <i>Combined heat & Power engineering system</i> . London: IEE. 697.5 MAR-C 116313 CES
82	McDonald John (Ed.) (2007). <i>Electric power substations engineering, 2nd ed.</i> Boca Raton: Taylor & Francis. RL-HB 621.311(021) -ELE 155536 REF
83	McDonald John, Grigsby Leonard L., Harlow James H. (Eds.) (2007). <i>Electric power engineering handbook, 2nd ed.</i> Boca Raton: Taylor & Francis. RL-HB 621.311(021) -ELE 150434-150438 REF.

84	McDonald John, Grigsby Leonard L., Harlow James H. (Eds.) (2012). <i>Electric power engineering handbook, 3rd ed.</i> Boca Raton: CRC Press. RL-HB 621.311(021) -ELE 163123-163127 REF
85	Metaxas, A. C., Meredith R. J. (1983). <i>Industrial microwave heating.</i> London: Peter Pergrinus. 66.047.25:621.37 MET-I 99472 CL
86	Momoh, James A. (2001). <i>Electric power system applications of optimization.</i> New York: Marcel Dekker. 621.311:519.28 MOM-E 141385 CL
87	Momoh, James A. (2018). <i>Energy processing and smart grid.</i> Hoboken: IEEE Press/John Wiley. 621.311.1 MOM-E 172482 CL
88	Nehrir, M. Hashem, Wang Caisheng (2009). <i>Modeling and control of fuel cells: distributed generation applications.</i> Hoboken: John Wiley. 621.352.6 NEH-M 155543 EE
89	Northcote-Green, James, Wilson, Robert (2007). <i>Control and automation of electrical power distribution systems.</i> Boca Raton: Taylor & Francis. 621.311-52 NOR-C 150364 CL
90	Okress, Ernest C. (1968). <i>Microwave power engineering.</i> New York: Academic Press. 621.37 OKR-M 37584-37585; 45993; 47243 CL
91	Paithankar, Y. G. (1998). <i>Transmission network protection: theory and practice.</i> New York: Marcel Dekker. 621.3.011.7 PAI-T 165344- 165353; 165583 CL; EE; TB
92	Peter Peregrinus (1988). <i>Variable frequency AC motor drive systems.</i> London: Peter Peregrinus Ltd. 621.313.3 FIN-V 125178 CL
93	Plett, Gregory L. (2015). <i>Battery management systems.</i> Norwood: Artech House. 621.35 PLE-B 168022 CL
94	Plett, Gregory L. (2016). <i>Battery management systems.</i> London: Artech House. 621.35 PLE-B 170328; 173880 CL; CHE
95	Punmia, B.C. (2009). <i>Irrigation and water power engineering, 16th ed.</i> Bengaluru: Laxmi Publications. 626.81/.86 -IRR BB76581-BB76585 BB
96	Punmia, B.C., Pande, Brij Basi Lal (1992). <i>Irrigation and water power engineering, 12th. ed.</i> Bangalore: Laxmi Publications. 626.81/.86 PUN-I 154048 CL
97	Rabie, M. Galal (2007). <i>Fluid power engineering.</i> New York: McGraw-Hill. 621.22 RAB-F 158760 CL

98	Rau, Narayan S. (2003). <i>Optimization principles: practical application to the operation and markets of the electric power industry</i> . Hoboken: John Wiley. 351.824.11:519.87 RAU-O 154610 CL
99	Rosu, Marius (2018). <i>Multiphysics simulation by design for electrical machines, power electronics and drives</i> . Hoboken: John Wiley. 621.313 -MUL 172512 CL
100	Santos, Euzeli Cipriano dos, da Silva Edison R. Cabral (2015). <i>Advanced power electronics converters: PWM converters processing AC voltages</i> . Hoboken: John Wiley/ IEEE. 621.38 SAN-A 167743 CL
101	Savulescu, Savu C. (Ed.) (2009). <i>Real-time stability assessment in modern power system control centers</i> . Hoboken: John Wiley. 621.311 -REA 156494 CL
102	Savulescu, Savu C. (Ed.) (2009). <i>Real-time stability assessment in modern power system control centers</i> . Hoboken: Wiley. 621.311 -REA 155743 EE
103	Shahidehpour, Mohammad, Alomoush Muwaffaq (2001). <i>Restructured electrical power systems : operation, trading, and volatility</i> . New York: Marcel Dekker. 621.311 SHA-R 151816; 151852-151853 CL; TB
104	Shahidehpour, Mohammad, Wang, Yaoyu (2003). <i>Communication and control in electric power systems: applications of parallel and distributed processing</i> . Hoboken: John Wiley. 621.3-50:681.3 SHA-C 143599; 143788 CL; EE
105	Short, T. A. (2004). <i>Electric power distribution handbook</i> . Boca Raton: CRC Press. RL-HB 621.311.4(021) SHO-E 148243 REF
106	Shultz, Richard D., Smith, Richard A. (1985). <i>Introduction to electric power engineering</i> . Cambridge: Harper and Row. 621.31 SHU-I 108102 CL
107	Sneeden, J.B.O. (1948). <i>Elements steam power engineering</i> . London: Longmans. 621.1 SNE-E G13614 CHE
108	Sudhoff, Scott D. (2014). <i>Power magnetic devices: a multi-objective design approach</i> . New Jersey: John Wiley. 621.382 SUD-P 166493 CL
109	Sul, Seung-Ki (2011). <i>Control of electric machine drive systems</i> . New Jersey: John Wiley. 621.313-52 SUL-C 161093-161094 CL; EE
110	Sutherland, Peter E. (2015). <i>Principles of electrical safety</i> . New Jersey: John Wiley. 621.3-78 SUT-P 169146 CL
111	Tagare, Digamber M. (2011). <i>Electricity power generation: the changing dimensions</i> . New Jersey: John Wiley. 621.311 TAG-E 160962; 163945 CL

112	Turnbull, D.E. (1976). <i>Fluid power engineering</i> . London: Newnes-Butterworths. 621-498 TUR-F 67960 CL
113	Ukil, Abhisek (2007). <i>Intelligent systems and signal processing in power engineering</i> . Berlin: Springer. 621.391:681.3 UKI-I 152789 CL
114	University of Bath (1973). <i>Developments in power engineering equipment</i> . Bath: University of Bath, School of Electrical Engineering. 621.3(420) U.B.S-D 79217 CL
115	Vaahedi, Ebrahim (2014). <i>Practical power system operation</i> . Hoboken: John Wiley. 621.311 VAA-P 166306 CL
116	Van Hertem, Dirk, Gomis-Bellmunt, Oriol, Liang, Jun (Eds.) (2016). <i>HVDC Grids: for offshore and supergrid of the future</i> . Hoboken: Wiley-IEEE Press. 621.315 -HVD 170534 CL
117	Venikov, V.A. (1984). <i>Introduction to energy technology: electric power engineering</i> . Moscow: MIR Publishers. 620.9 VEN-I 111717 CL
118	Vogt, Lawrence J. (2009). <i>Electricity pricing: engineering principles and methodologies</i> . Boca Raton: Taylor & Francis. 621.311:338.5 VOG-E 157946 CL
119	Warnick, C.C. (1984). <i>Hydropower engineering</i> . New Jersey: Prentice-Hall. 621.311.2 WAR-H 104934 CL
120	Weicker, Phillip (2014). <i>Systems approach to lithium-Ion battery management</i> . Norwood: Artech House. 621.35:546.34 WEI-S 165209 CL
121	Willis, H. Lee (2004). <i>Power distribution planning reference book, 2nd ed.</i> Boca Raton: CRC Press. RL-HB 621.311.4 (021) WIL-P 165224 REF
122	Wu, Bin (2011). <i>Power conversion and control of wind energy systems</i> . New Jersey: John Wiley/ IEEE. 621.548 -POW 161104 CL
123	Wu, Bin, Narimani, Mehdi (2017). <i>High-Power converters and AC drives, 2nd ed.</i> Hoboken: John Wiley/IEEE Press. 621.382 WU-H 170556 CL
124	Xu, Dehong (2018). <i>Advanced control of doubly fed induction generator for wind power systems</i> . Hoboken: John Wiley/ IEEE Press. 621.311.245 -ADV 172899 CL
125	Yaramasu, Venkata, Wu, Bin (2017). <i>Model predictive control of wind energy conversion systems</i> . Hoboken: John Wiley. 621.311.245 YAR-M 170812 CL

126	Zhang, Xiao-Ping (Ed.) (2010). <i>Restructural electric power systems: analysis of electricity markets with equilibrium models</i> . Hoboken: John Wiley. 621.311 -RES 161306 CL
127	Zhu, Jizhong (2009). <i>Optimization of power system operation</i> . Hoboken: John Wiley. 621.311:519.87 ZHU-O 155822; 157997 CL; EE

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11	Corradini, Luca (2015). <i>Digital control of high-frequency switched-mode power converters</i> . New Delhi: Wiley. Online Access	EB
12	Das, Madan Mohan, Saikia, Mimi Das (2016). <i>Irrigation and water-power engineering</i> . New Delhi: PHI Learning. Online Access	EB
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22	Lee, Kwang Y., El-Sharkawi, Mohamed A. (Eds.) (2008). <i>Modern heuristic optimization techniques: theory and applications to power systems</i> . New Delhi: Wiley. Online Access	EB
23	Lehmann, Christoph, Kolditz, Olaf, Nagel, Thomas (2018). <i>Models of thermochemical heat storage</i> . Cham: Springer. Online Access	EB
24	Leonhard, Werner (1996). <i>Control of electrical drives, 2nd ed.</i> Cham: Springer. Online Access	EB
25	Lutz, Josef (2011). <i>Semiconductor power devices: physics, characteristics, reliability</i> . Cham: Springer. Online Access	EB
26	Mallick, Pradeep Kumar (2020). <i>Electronic systems and intelligent computing: proceedings of ESIC 2020</i> . Cham: Springer. Online Access	EB
27	Mohammadpour, Hossein Ali, Santi, Enrico (2015). <i>Analysis of sub-synchronous resonance (SSR) in doubly-fed induction generator (DFIG)-based wind farms</i> . Cham: Springer. Online Access	EB
28	Prakash, Om, Kumar, Anil (2017). <i>Solar drying technology: concept, design, testing, modeling, economics, and environment</i> . Cham: Springer. Online Access	EB
29	Rao, Sunil (2020). <i>Machine learning for solar array monitoring, optimization, and control</i> . Cham: Springer. Online Access	EB
30	Shen, Xuemin, Lin, Xiaodong, Zhang, Kuan (2020). <i>Encyclopedia of wireless networks</i> . Cham: Springer. Online Access	EB

31	Vilathgamuwa, Mahinda (2015). <i>Power electronics for photovoltaic power systems</i> . Cham: Springer. Online Access	EB
32	Vittal, Vijay (2024). <i>Power system control and stability, 3rd ed.</i> New Delhi: Wiley. Online Access	EB
33	Watts, Robert G. (2007). <i>Global warming and the future of the Earth</i> . Cham: Springer. Online Access	EB
34	Woddi, Taraknath V. K., Charlton, William S., Nelson, Paul (2009). <i>India's nuclear fuel cycle: unraveling the impact of the U.S.-India nuclear accord</i> . Cham: Springer. Online Access	EB
35	Wu, Bin (2011). <i>Power conversion and control of wind energy systems</i> . New Delhi: Wiley. Online Access	EB
36	Yazdani, Amirnaser, Iravani, Reza (2024). <i>Voltage-sourced converters in power systems: modeling, control, and applications</i> . New Delhi: Wiley. Online Access	EB

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