

REFERENCES

1. Po-Tai cheng, Subhashish Bhattacharya, Deepak M. Divan, "Control of square wave inverters in high power hybrid active filter systems," IEEE Transactions on Industry Applications, vol. 34, no. 3, pp. 458-472, May/June 1998.
2. Flemming Abrahamsen, Frede Blaabjerg, John K Pedersen, Pawel Z. Grabowski, Paul Thogersen, "On the energy optimized control of standard and high efficiency induction motors in CT and HVAC applications," IEEE Transactions on Industry Applications, vol. 34, no. 4, pp. 822-831, July/August 1998.
3. Kun-Ping Lin, Ming -Hoon Lin, Tung-Ping Lin, "An advanced computer code for single tuned harmonic filter design," IEEE Transactions on Industry Applications, vol. 34, no. 4, pp. 640-648, July/August 1998.
4. Andrea Cavallini, Giovanni Mazzanti, Gian Carlo Montanari, Claudio Romagnoli, "Design of shunt capacitor circuits for power factor compensation in electrical systems supplying nonlinear loads", IEEE Transactions on Industry Applications, vol. 34, no. 4, pp. 675-681, July/August 1998.
5. P. N. Enjeti, A. Rahman, and R. Jakkli, "Economic single-phase to three-phase converter topologies for fixed and variable frequency output," IEEE Transactions on Power Electronics, vol. 8, no. 3, pp. 329-335, July 1993.
6. D. M Divan, "A new topology for single phase UPS systems," in Conference Records IEEE - Industry Applications Society, pp. 931-936, 1989.

7. P. E Enjeti and A. Rahman, “ A new single-phase to three-phase converter with active input current shaping for low cost ac motor drives,” in IEEE Transactions on Industry Applications, vol. 29, no. 4, pp. 806-813, July/August 1993.
8. Jun-ichi Itoh and Kouetsu Fujita, “ Novel unity power factor circuits using zero-vector control for single-phase input systems,” IEEE Transactions on Power Electronics, vol. 15, no. 1, pp. 36-43, January 2000.
9. S. K Biswas, “ A new static converter for the operation of three-phase motors on single-phase supply,” in Conference Records IEEE - Industry Applications Society, pp. 1550-1554, 1981
10. N. Mohan, T. M. Undeland and W. P. Robins, Power Electronics Converters, Applications, and Design, 2nd ed. New York: John Wiley & Sons, 1995.
11. B. K Bose, Modern Power Electronics Evolution, Technology, and Applications, IEEE Press, 1991.
12. Muhammad H. Rashid, Power Electronics Handbook / editor-in-chief, San Diego, Calif.: Academic Press, 2001.
13. P. C. Krause, O. Wasynczuk, and S. D. Sufhoff, Analysis of Electric Machinery, IEEE Press, 1995.
14. Philip T. Krein, Elements Of Power Electronics, Oxford University Press, 1997

15. P. Wood, *Switching Power Converters*, reprint edition, Robert E. Krieger Publishing Company, Malabar, Florida, 1984.
16. H. Van Der Broeck, H. Skudelny and G. Stanke, "Analysis and realization of a pulse width modulator based on voltage space vectors," *IEEE Transactions on Industry Applications*, vol. IA-24, no. 1, pp. 142-150, January 1988.
17. O. Ojo, P. Kshirsagar, "Concise Modulation strategies for four leg voltage source inverter," *Conference Records Power Electronics Specialists Conference*, vol. 1, pp. 238-243, 2002.
18. B. K Bose, *Power Electronics and Variable Frequency Drives, Technology and Applications*, IEEE Press, New York, 1997.
19. R. Krishnan, *Electric Motor Drives: Modeling, Analysis, and Control*, Upper Saddle River, NJ: Prentice Hall, 2001.
20. D. W. Novotny, T. A. Lipo, *Vector Control and Dynamics of AC Drives*, Oxford: Clarendon Press; New York: Oxford University Press, 1996.
21. Marian P. Kazmierkowski, R. Krishnan, Frede Blaabjerg, *Control in Power Electronics: Selected Problems*, Amsterdam; Boston: Academic Press, c2002.
22. B. Friedland, *Control System Design, An Introduction to State-Space Methods*, Mc Graw – Hill, New York, 1995.
23. Paolo Mattavelli, "A closed-loop selective harmonic compensation for active filters," *IEEE Transactions on Industry Applications*, vol. 37, no. 1, pp. 81-89, January 2001.

24. Leon O. Chua, Charles A. Desoer and Ernest S. Kuh, Linear and Nonlinear circuits, McGraw-Hill Book Company, 1987.
25. T. Nakae, Y. Kanamaru, Y. Amemiya, “ Method of single-phase PWM for an independent power supply in photovoltaic power generation systems,” Electrical Engineering in Japan, vol. 122, no. 4, pp. 55-61, 1998
26. Robert W. Erickson, Dragan Maksimovic, Fundamentals of Power Electronics, Norwell, Mass.: Kluwer Academic Publishers, 2001.
27. Jean-Jacques E. Slotine, Weiping Li, Applied Nonlinear Control, IEEE Press, Prentice Hall 1991.
28. T. Ohnishi, “PWM control method for single-phase to three-phase converter with a three-phase switching power module,” in Records of Power Electronics Specialists Conference, vol. 1, pp. 464-469, 1998
29. H. Pollock and J. Flower, “New-method of power control for series-parallel load resonant converters maintaining zero-current switching and unity power factor,” IEEE Transactions on Power Electronics, vol. 12, no.1, pp. 103-115, January 1997.
30. G. Su and T. Ohno, “A novel topology for single phase UPS system,” in Conference Records, IEEE - Industry Applications Society, vol. 2, pp. 1376-1382, 1997

31. M. Aredes, J. Hafner, and K. Heumann, "Three-phase four-wire shunt active filter control strategies," *IEEE Transactions on Power Electronics*, vol. 12, no. 2, pp. 311-318, March 1997.
32. H. W. Van Der Broeck, H. C Skudelny, "A comparative investigation of a three-phase induction machine with a component minimized voltage fed inverter under different control options," *IEEE Transactions on Industry Applications*, vol. IA-20, no. 2, pp. 309-320, March/April 1984.
33. Gi-Taek Kim, Thomas A. Lipo, " VSI-PWM Rectifier/Inverter system with a reduced switch count," *IEEE Transactions on Industry Applications*, vol. 32, no. 6, pp. 1331-1337, November/December 1996.