

Chapter 10

BIBLIOGRAPHY

This chapter contains the list of papers referred throughout the thesis.

1. K.H.Liu and F.C.Lee, "*Resonant switches-A unified approach to improve performances of switching converters*", IEEE INTELEC Conference Record, pp.344~351, 1984.
2. K.H.Liu and F.C.Lee, "*Zero-voltage switching technique in DC-DC converters*", IEEE Power Electronics Specialists Conference Record, pp.58~70, 1986.
3. K.H.Liu, R.Oruganti and F.C.Lee, "*Resonant switches-Topologies and characteristics*", IEEE Power Electronics Specialists Conference Record, pp.106~116, 1985.
4. H.Ogiwara , A.Okuno and M.Nakaoka, "*High frequency Induction heating load resonant inverter with voltage-clamped quasi-resonant switched using newly improved static induction transistors/thyristors and their phase shifted controlled scheme*" IEEE Industry Applications Society Annual Meeting, 1992., Conference Record of the 1992 IEEE
Digital Object Identifier: 10.1109/IAS.1992.244445. Page(s): 941 - 948 vol.1
5. "*Practical Evaluations Of Single-Ended Load-Resonant Inverter Using Application specific Igbt & Driver Ic For Induction-Heating Appliance*" By Izuo Hirota, Hideki Omori, Kundu Arun Chandra and Mutsuo Nakaoka, Power Electronics and Drive Systems, 1995., Proceedings of 1995 International Conference on Digital Object Identifier.
6. "*A New half-bridge Inverter Topology with Active Auxiliary Resonant Circuit Using IGBT for Induction Heating Applications*" By Ryoung-Kuk Lee, Jin-Woo Jung, Bum-Seok Suh and Dong-Seck Syun. IEEE Power Electronics Specialists Conference, 1997. PESC '97 Record., 28th Annual IEEE.
7. "*Induction-Heated Cooking Appliance Using New Quasi-Resonant ZVS-PWM Inverter With Power Factor Correction*" By Shengpei Wang, Kiyoshi Izaki, Izuo Hirota, Hidekazu Yamashita, Hideki Omori, and Mutsuo Nakaoka, IEEE Transactions on Industry Applications, Vol. 34, No, 4, JULY/AUGUST 1998 705
8. H.Omori, M.Nakaoka, H.Yamashita and T.Marubishi, "*A novel type induction-heating single ended resonant inverter using new bipolar darlington transistor*", IEEE PESC Proc., pp.590~599, 1985.
9. G.Zaiser, G.Fischer, M.Bruckmann and H.Doht, "*ZVS driver for voltage-controlled switches in resonant converters*", Power Conversion, June 1995 Proceedings, pp.481~489.
10. H.W.Koertzen, J.D.van Wyk and J.A.Ferreira, "*Design of the half-bridge series resonant converter for induction heating*", IEEE PESC Record, vol.2, pp.729~735, 1995.
11. A. Petteiteig, J. Lode, and T. M. Undeland, "IGBT turn-off losses for hard switching and with capacitive snubbers," in *Proc. Conf. Rec. Ind. Appl. Soc. Annu. Meet.*, 1991, pp. 1042~1049.

12. V. K. Khanna, *IGBT Theory and Design*. Piscataway, NJ: IEEE Press, 2003.
13. T.Laska, F.Pfirsch, F.Hirler, J.Niedermeyer, C.Schäffer, T.Schmidt "1200V-Trench- IGBT Study with Square Short Circuit SOA" ISPSD 1998-Kyoto
14. P.Kanschäat, T.Stolze, T.Passe, H.Rüthing, F.Umbach, O.Hellmund "600V IGBT³- Technology in New Low Cost Modules for Consumer Drives Applications" PCIM 2003-Nürnberg
15. P.Kanschäat, H.Rüthing, F. Umbach, F. Hille „600V-IGBT³: A detailed Analysis of Outstanding Stativ and Dynamic Properties“ PCIM 2004-Nürnberg
16. P.Jain and S.B.Dewan, "Starting problems associated with a transformer coupled load in a series inverter", IEEE Transactions on Magnetics, vol.24, no.6, pp.2895~2897, 1988.
17. G.Zaiser, G.Fischer, M.Bruckmann and H.Doht, "ZVS driver for voltage-controlled switches in resonant converters", Power Conversion, June 1995 Proceedings, pp.481~489.
18. S.Hinchliffe and L.Hobson, *Review of solid state devices and circuits for HF electric process heating applications:Part_ devices*, Int'l Journal of Electronics, vol.61,no.2,pp.143~167, 1986.
19. S.Hinchliffe and L.Hobson, *Review of solid state devices and circuits for HF electric process heating applications:Part_ circuit*, Int'l Journal of Electronics, vol.61,no.3,pp.261~279, 1986.
20. M.Orfeuil & A.Robin, *Electric Process Heating*, Battelle Press, 1987
21. J.Davies, *Induction Heating Handbook*, McGraw-Hill, 1979
22. M.G.Loizinskii, *Industrial Applications of Induction Heating*, Pergamon Press, 1969
23. N.Mohan, T.M.Undeland & W.P.Robbins, *Power Electronics: Converters, Applications, and Design*, John Wiley & Sons, 1989
24. Review of Project at Purdue University... "Fuzzy logic and Genetic Algorithm Synergism to Control & Identification of Dynamical System" by Yonghan Lee & Prof. Stanislaw H. Zak. – Project sponsored by National Science Foundation
25. S. Brehaut, F. Costa, J. Casarin, B. Chauchat, "Gate driving of a 3.3kV IGBT chopper by an 8 bits encoded wireless(...)", Proc. PCIM Europe, S3b2, May 2007
26. D. Vasic, F. Costa, E. Sarraute, "Piezoelectric transformer for integrated MOSFET (...)", IEEE Trans. Power Electronics, Vol 21, No. 1, pp. 56ff., Jan. 2006
27. M. Münzer, W. Ademmer, B. Strzalkowski, K.T. Kaschani, "Insulated signal transfer in half bridge driver IC based on(...)", Proc. PEDS, Vol. 1, pp. 93ff., 2003
28. S.Y. Hui, H.S. Chung, S.C. Tang, "Coreless printed circuit board (PCB) transformers (...)", IEEE Trans. Power Electronics, Vol. 14, No. 3, pp. 422ff., 1999
29. B. Strzalkowski, U. Jansen, U. Schwarzer, "High Performance IGBT Driver in micro transformer technology (...)", Proc. PCIM Europe, S3b4, May 2007
30. S.C. Tang, S. Y. Hui, H. S. Chung, "Coreless planar PCB transformers a fundamental Concept (...)", IEEE Trans. Power Electronics, pp. 931ff., Sept. 2000

31. E. Dallago, M. Passoni, G. Venchi, "Design and Optimization of a high insulation voltage DC/DC power (...)", IEEE ICIT'04 Vol.2, pp.596ff., Dec. 2004
32. D.J. Lando, J.P. Mitchell, T.L. Welsher, „Conductive Anodic Filaments In Reinforced Polymeric Dielectrics“, Proc. 17th Annu. Rel. Phys., pp. 5163, 1979
33. P.J. Boddy, R.H. Delaney, J.N. Lahti, E.F. Landry, "Accelerated Life Testing in Flexible Printed Circuits", 14th. Annu. Proc. Rel. Phys, pp. 108ff., 1976
34. A. Brewin, L. Zou, C. Hunt, "Susceptibility of Glass Reinforced Epoxy Laminates to Conductive Anodic (...)", NPL Report MATC(A)155, Jan. 2004
35. K. Rogers, C. Hillman, M. Pecht, "Hollow Fibers Can Accelerate Conductive Filament Formation", ASM Int. Pract. Fail. Analysis, Vol. 1, No. 4, pp.57ff. 2001
36. E.J. Bergum, "CAF Resistance of NonDICY(...)" PCFAB, pp. 26ff. Sep 2002
37. H. Rüedi, P. Köhli, "SCALE Driver for High Voltage IGBTs" PCIM Europe Conference 1999
38. J. Thalheim, "Universal Chipset for IGBT and Power-MOSFET Gate Drivers", PCIM Europe Conference 2007
39. J. Thalheim, "Smart Power Chip Tuning", Bodo's Power Magazine 2007
40. S. Pawel, J. Thalheim, "Prime(PACK) Time for SCALE-2", Bodo's Power Magazine 2008
41. J. Thalheim, O. Garcia, "Optimized Utilization of IGBTs by Plug-and-Play Drivers", Power Electronics Europe 2008
42. B.D.O. Anderson and Y. Liu, "Controller reduction: concepts, and approaches," *IEEE Trans. Automatic Control*, vol. 34, pp. 802-812, Aug. 1989.
43. K.J. Wstrom and T. Hagglund, *PID Controllers: Theory, Design and Tuning, 2nd ed.* North Carolina: Instrument Society of America, 1995.
44. K.J. Astrom and J. Nilsson, "Analysis of a scheme for iterated identification and control," *Proc. IFAC Symp. Identification*, pp, 171-176, 1994.
45. K.J. Wstrom and B. Wittenmark, *Adaptive Control*. Reading, Massachusetts: Addison-Wesley, 1989.
46. E De Bruyne, B.D.O. Anderson, M. Gevers, and N. Linard, "Iterative controller optimization for nonlinear systems," in *Proc. 36th IEEE Conf Decision and Control*, 1997, pp, 3749-3754.
47. E De Bruyne and P. Carrette, "Synthetic generation of the gradient for an iterative controller optimization method," *CD-ROM of the European Control Conference*, 1997, Paper THA-F2.
48. B. Ceysens and B. Godrons, "Synthèse itérative de contrôleurs sans identification," M.S. thesis, University Catholique de Louvain, 1995.
49. R.A. de Callafon and P.M.J. Van den Hof. "Suboptimal feedback control by a scheme of iterative identification and control design," *Mathematical Modelling of Systems*, vol. 3(1), pp. 77-101, 1997.
50. P.M.J. Van den Hof and R.J.P. Schrama, "Identification and control-- closed-loop issues," *Automatica*, vol. 31, pp. 1751-1770, Dec. 1995.

51. M. Gevers, "Towards a joint design of identification and control?" *Essays on Control: Perspectives in the Theory and its Applications*, eds. H. L. Trentelman and J. C. Willems, pp. 111-151, 1993.
52. C. C. Hang and K. J. Astrom, "Practical aspects of PID auto-tuners based on relay feedback," IFAC adaptive control of chemical process, pp. 153-158, Copenhagen, Denmark, 1988.
53. Ya-Gang Wang, "PI tuning for processes with large dead time," Proceeding of the ACC, pp. 4274-4278, Chicago Illinois, June 2000.
54. Eric Poulin and Andre Pomerleau, "PI setting for integrating processes based on ultimate cycle information," IEEE Trans. On control systems technology, Vol. 7, No. 4, July 1999.
55. K. Natarajan and A. F. Gilbert, "On direct PID controller tuning based on finite number of frequency response data," ISA Trans. Vol. 36, No. 2, pp. 139-149, 1977.
56. T. Hashimoto and Y. Ishida, "An adaptive I-PD controller based on frequency domain system identification," ISA Trans. Vol. 39, pp. 71-78, 2000.
57. Teng Fong-Chwee, "Self-tuning PID controllers for dead time process," IEEE Trans., Vol. 35, No. 1, pp. 119-125, 1988.
58. Kazuyuki Mori and Makoto Tsukiyama, "Immune algorithm with searching diversity and its application to resource allocation problem," Trans. JIEE, Vol. 113 - C, No. 10, '93.
59. A. Ishiguro, T. Kondo, Y. Watanabe and Y. Uchikawa, "Dynamic behavior arbitration of autonomous mobile robots using immune networks," In Proc. of ICEC' 95, vol.2, pp.722-727, 1995.
60. Ishiguro, Y. Watanabe and Y. Uchikawa, "An Immunological Approach to dynamic behavior control for autonomous mobile robots," In Proc. of IROS ' 95, Vol.1, pp.495-500, 1995.
61. Dong Hwa Kim, "Auto-tuning of reference model based PID controller using immune algorithm," IEEE international conference on evolutionary computation, Hawaii, May 12 - 17, 2002.
62. Reato A. Krohling and Joost P. Rey, "Design of Optimal Disturbance Rejection PID Controllers Using Genetic Algorithms," IEEE Trans. Evolutionary and computation. Vol. 5, No. 1, Feb. 2001.
63. Weng Khuen, Chang Chien Hang, and Liseng S. Cao, "Tuning of PID controllers based on gain and phase margin specifications," Automatica, Vol. 31, No. 3, pp. 497-502, 1995.
64. Dong Hwa Kim, Jae Hoon Cho, "Robust PID Controller Tuning Using Multiobjective Optimization Based on Clonal Selection of Immune Algorithm," Lecture Notes in Computer Science Proceeding of Springer (SCI) Sept 22-24, 2004.
65. M. Gevers, "Identification for control," *Proc. 5th IFAC Symposium Adaptive Control and Signal Processing*, pp. 1-12, 1995.
66. M. Gevers and L. Ljung, "Optimal experiment designs with respect to the intended model application," *Automatica*, vol. 22, pp. 543-554, 1986.

67. H. Hjalmarsson, "Model-free tuning of controllers: Experience with time-varying linear systems," *Proc. 3rd European Control Conference*, pages 2869-2874, 1995.
68. H. Hjalmarsson, "Control of nonlinear systems using iterative feedback tuning," *Proc. American Control Conf 98*, 1998.
69. H. Hjalmarsson, "Performance analysis of iterative feedback tuning," submitted to *Automatica*, 1998.
70. H. Hjalmarsson and T. Birkeland, "Iterative Feedback Tuning of linear time-invariant MIMO systems," submitted to *CDC 98*, 1998.
71. H. Hjalmarsson and M. Gevers, "Frequency domain expressions of the accuracy of a model-free control design scheme," *Proc. 11th IFAC Symp. On System Identification*, vol. 1, pp. 135-140, 1997.
72. H. Hjalmarsson, M. Gevers, and F. De Bruyne, "For model-based control design, closed-loop identification gives better performance," *Automatica*, vol. 32, pp. 1659-1673, 1996.
73. H. Hjalmarsson, S. Gunnarsson, and M. Gevers, "A convergent iterative restricted complexity control design scheme," *Proc. 33rd IEEE CDC*, pp. 1735-1740, 1994.
74. H. Hjalmarsson, S. Gunnarsson, and M. Gevers, "Model-free tuning of a robust controller for a flexible transmission system," *European J. Control*, vol. 1, pp. 148-156, 1995.
75. H. Hjalmarsson, S. Gunnarsson, and M. Gevers, "Optimality and sub-optimality of iterative identification and control design schemes," *Proc. American Control Conf*, vol. 4, pp. 2559-2563, 1995.
76. A.J. Isaksson and S.F. Graebe, "Model reduction for design of digital PID controllers," *Proc. 3rd European Control Conf*, vol. 3, pp. 2191-2196, 1995.
77. Y. Kawamura, "Direct synthesis of LQ controller from inner products of response signals," *Proc. 11th IFAC Symp. System Identification*, vol. 4, pp. 1717-1722, 1997.
78. W.S. Lee, B.D.O. Anderson, R.K. Lo, and I.M.Y. Mareels, "A new approach to adaptive robust control," *Int. J. Adaptive Control and Signal Processing*, vol. 7, pp. 183-211, 1993.
79. Lequin, "Optimal closed loop PID tuning in the process industry with the Iterative Feedback Tuning scheme," *CD-ROM of European Control Conference*, Paper TH-A-H6, 1997.
80. L. Ljung, *System Identification: Theory for the User*. Englewood Cliffs, NJ: Prentice-Hall, 1987.
81. L. Ljung and T. Soderstrom, *Theory and Practice of Recursive Identification*. Cambridge, Massachusetts: MIT Press, 1983.
82. D. Molenaar, "Model-free data-driven optimal tuning of controller parameters: A practical guide with application examples," Dep. Elec. Eng., Linkoping University, Sweden, Tech. Rep. LiTH-ISY-R-1722 1995.
83. K. S. Narendra and L.E. McBride, "Multiparameter self-optimizing systems using correlation techniques," *IEEE Trans. Automatic Control*, pp. 31-38, 1964.

84. K. S. Narendra and D.N. Streeter, "An adaptive procedure for controlling undefined linear processes," *IEEE Trans. Automatic Control*, pp. 545-548, Oct. 1964.
85. A.G. Partanen and R.R. Bitmead, "The application of an iterative identification and controller design to a sugar cane crushing mill," *Automatica*, vol. 31, pp. 1547-1563, 1995.
86. P. Persson and K.J. Astram, "Dominant pole design—a unified view of PID controller tuning," *Selected Papers from the 4th IFAC Symposium*, pp. 377-382, 1993.
87. H. Robbins and S. Monro, "A stochastic approximation method," *Ann. Math. Stat.*, vol. 22, pp. 400-407, 1951.
88. M.G. Safonov and T.C. Tsao, "The unfalsified control concept and," *IEEE Trans. Automatic Control*, vol. 42(6), pp. 843-847, June 1997.
89. R.J.P. Schrama and P.M.J. Van den Hof, "Iterative identification and control design: A three step procedure with robustness analysis," *Proc. ECC*, pp. 237-241, 1993.
90. J. Sjöberg and M. Agarwal, "Model-free repetitive control design for nonlinear systems," *Proc. 35th Conference on Decision and Control*, pp. 2824-2829, Dec. 1996.
91. L. Triest, "Etude des paramètres de synthèse dans le réglage itératif optimal d'un régulateur PID," Tech. Rep., Final year undergraduate project, CESAME, Université Catholique de Louvain, Louvain La Neuve, Belgium, 1997.
92. E. Truesson and L. Ljung, "Adaptive control based on explicit criterion minimization," *Automatica*, vol. 21, pp. 385-399, 1985.
93. K. J. Åström, T. Hägglund, C. C. Hang, and W. K. Ho, "Automatic tuning and adaptation for PID controllers—a survey," *Control Eng. Pract.*, vol. 1, no. 4, pp. 699-714, 1993.
94. Control Arts Inc. (2004, May) Control Arts Inc: Process Control, Alarm Analysis, Abnormal Situation Management, Engineering Analysis and Operations Management Software. [Online] <http://www.controlartsinc.com/index.html>
95. Control & Optimization Specialists. (2004, May) COSpecialists—Control & Optimization Specialists. [Online] <http://www.cospecialists.com/index.html>
96. Control Soft Inc. (2004, May) Control Soft Inc.—The Company With Leading Control Technologies. [Online] <http://www.controlsoftinc.com/index.shtml>
97. Tune Plus-PID Tuning Product, Innovation Industries Inc. (2004, May). <http://www.innovin.com/tuneplus.htm> [Online]
98. IPCOS Netherlands/Belgium. (2004, May) IPCOS Creators in Control. [Online] <http://www.ipcos.be/welcome.htm>
99. W. H. Kwon and G. H. Cho, "Modified quantum and phase control of series resonant converter," in *ZEEWPESC Rec*, 1991, pp. 498-503.
100. L. Grajales, J. A. Sabat, K. R. Wang, W. A. Tabisz, and F. C. Lee, "Design of a 10 kW, 500 kHz phase-shift controlled series-resonant inverter for induction heating," in *IEEE/ZAS Annu. Meet.*, 1993, pp. 843-849

101. Zinn, S., Semiantin, S.L., "Elements of Induction Heating, Design, Control, and Applications," Electric Power Research Institute Inc, California, 1988, Chapter 7.
102. L. R. Egan and E. P. Furlani, "A computer simulation of an induction heating system," *IEEE Trans. Magn.*, vol. 27, pp. 4343–4354, Sept. 1991.
103. V. Vorperian and S. Cuk, "A complete analysis of the series resonant converter," in *Proc. IEEE Power Electron. Specialists Conf. Rec.*, 1982, pp. 85–100.
104. Y. Cheron, H. Foch, and J. Salesses, "Study of a resonant converter using power transistors in a 25 kW X-rays tube power supply," in *Proc. IEEE Power Electron. Specialists Conf. Rec.*, 1985, pp. 295–306.
105. H. Omori, T. Twai, M. Nakaoka, and T. Maruhashi, "Circuits topologies of self-controlled single-ended high frequency resonant inverters," in *Proc. Euro. Power Electron. Conf. Rec.*, vol. 1, 1987, pp. 205–211.
106. J. P. Ferrieux, J. P. Keradec, and Y. Baudon, "A high frequency seriesresonant converter using COMFET transistor-application to induction heating," in *Proc. IEEE Ind. Appl. Soc. Conf. Rec.*, 1987, pp. 717–723.
107. K. Isaki, I. Hirota, H. Yamashita, M. Kamli, H. Omori, and M. Nakaoka, "New constant-frequency variable powered quasi-resonant topology using soft-switched type IGBTs for induction-heated cooking appliance," in *Proc. Euro. Power Electron. Conf. Rec.*, vol. 2, 1995, pp. 129–134.
108. J. P. Ferrieux, M. C. Pera-Marion, J. P. Rognon, and J. Nuns, "Power control of two induction loads supplied by a single generator: Two solutions," in *Proc. Euro. Power Electron. Conf. Rec.*, vol. 2, 1995, pp. 379–384.
109. E. Labouré, F. Costa, C. Gautier, and W. Melhem, "Accurate simulation of conducted interferences in isolated DC-to-DC converters regarding to EMI standards," in *Proc. IEEE Power Electron. Specialists Conf. Rec.*, vol. II, 1996, pp. 1973–1978.
110. M. Kamli, S. Yamamoto, and M. Abe, "A 50 kHz–150 kHz half-bridge inverter for induction heating applications," *IEEE Trans. Ind. Electron.*, vol. 43, no. 1, pp. 163–172, 1996.
111. M. K. Kasimierzuk and D. Czarkowski, *Resonant Power Converter*. New York: Wiley, 1995.
112. L. Hobson and D. W. Tebb, "Transistorized power supply for induction heating," *Int. J. Electron.*, vol. 59, pp. 533–542, May 1985.
113. F. P. Dawson and P. Jain, "A comparison of load commutated inverter system for induction heating and melting applications," *IEEE Trans. Power Electron.*, vol. 6, no. 4, pp. 430–441, Jul. 1991.
114. L. Hobson, D. W. Tebb, and D. Turnbull, "Dual element induction cooking unit using power MOSFETs," *Int. J. Electron.*, vol. 59, pp. 747–757, Jun. 1985.

115. H. W. Koertzen, J. D. van Wyk, and J. A. Ferreira, "Design of the halfbridge series resonant converter for induction cooking," in *Proc. IEEE Power Electronics Specialists Conf. (PESC)*, 1995, pp. 729–735.
116. M. Kamli, S. Yamamoto, and M. Abe, "A 50–150 kHz half-bridge inverter for induction heating applications," *IEEE Trans. Ind. Electron.*, vol. 43, no. 1, pp. 163–172, Feb. 1996.
117. Irving Gottlieb; "Solid-state high-frequency power" Reston Publishing Company, Inc, Prentice-Hall Company, pp.31-41, 1989.
118. J.Pförr, L.Hobson, "Resonant-switched mode preconverters for high-frequency induction heaters" Proceedings of Power Conversion International Conference (PCIM), pp.245-259, June, 1991.
119. Rapoport, E., Pleshivtseva, Yu.: *Optimal Control of Induction Heating Processes*. DK6039, CRC Press/Taylor & Francis Group, 6000 Broken Sound Parkway, NW Suite, 300. Boca Raton, FL 33487 (USA), 2006, 349 pp.
120. P. P. Roy, S. R. Doradla, S. Deb: "Analysis of the Series Resonant Converter Using a Frequency Domain Model," *IEEE/PESC Rec.*, pp.482-489, 1991.
121. A. Dmowski, R. Bugyi, P. Szewczyk: "A Novel Series- Resonant DC/DC Converter with Full Control of Output Voltage at NoLoad Condition. Computer Simulation Based Design aspects," *IEEE/IAS Annual Meeting*, pp.924-928, 1992.
122. M. Nakaoka, Y. J. Kim, H. Ogiwara, H. Uemura: "Modern Digitally-Controlled Constant High- Frequency PWM Resonant DC-DC Converter Using Lumped Parasitic Reactive Circuit Components of High-Voltage Transformer & Feeding Cable and its New Practical Application," *IEEE/IAS Annual Meeting*, pp.1088-1097, 1991.
123. W. H. Kwon, G. H. Cho: "Modified Quantum and Phase Control of Series Resonant Converter," *IEEE/PESC Rec.*, pp.498-503, 1991.
124. Paul Emerald, "'Non-Intrusive' Hall-Effect Current-Sensing Techniques Provide Safe, Reliable Detection and Protection for Power Electronics," Allegro Microsystems, Inc. Technical Paper STP 98-1, page 2.
125. Alex Goldman, *Handbook of Modern Ferromagnetic materials*, Boston: Kluwer Academic Publishers, 1999, 59.
126. "Using Current Monitoring for Load Analysis," Kele Technical Reference PM6, accessed 062802, <http://www.kele.com/Tech/Monitor/Power/TRefPM6.html>.
127. J. Thalheim, H. Ruedi, "Universal Chipset for IGBT and Power MOSFET Gate Drivers", *Proc. PCIM Europe Conference, Nuremberg*, 2007
128. H. Ruedi, P. Kohli: New drivers feature active clamping, *Power Electronics Europe 1/2000*, pp. 32-36.
129. J. Thalheim: Control Strategies for Balancing of Series and Parallel Connected IGBT/Diode Modules. *Series in Microelectronics*, volume 139, 2004.