

เอกสารอ้างอิง

- [1] Allen J. Wood and Bruce F. Wollenberg. **Power Generation, Operation, and Control**. 2nd Ed. New York : John Wiley & Sons, Inc. 1996.
- [2] Atiff S. Debs. **Modern Power System Control and Operation**. Interim Revised Ed. Atlanta : Decision Systems International. 1996.
- [3] John J. Grainger and William D. Stevenson, Jr. **Power System Analysis**. McGraw-Hill, Inc. 1994.
- [4] Arthur R. Bergen and Vijay Vittal. **Power System Analysis**. 2nd Edition. New Jersey : Prentice-Hall, Inc. 2000.
- [5] J. Arrillaga and C. P. Arnold. **Computer Analysis of Power Systems**. Great Britain : John Wiley & Sons, Ltd. 1990.
- [6] Davis E. Goldberg. **Genetic Algorithms in Search, Optimization, and Machine Learning**. Reading : Addison-Wesley Publishing Company, Inc. 1989.
- [7] Zbigniew Michalewicz. **Genetic Algorithms + Data Structures = Evolution Programs**. Springer-Verlag Berlin Heidelberg. 1992.
- [8] P. D. Wasserman. **Advanced Methods in Neural Computing**. New York : Van Nostrand Reinhold, 1993.
- [9] T. Bäck, U. Hammel, and H. Schewefel. "Evolutionary Computation: Comments on the History and Current State." IEEE Trans. on Evolutionary Computation, vol. 1, no. 1 Apr. 1997, pp. 3-17.
- [10] Y. Song, A. Johns, and R. Aggarwal. **Computational Intelligence Applications to Power Systems**. New York : Science Press, 1996.
- [11] Rado Benc. "Application of Genetic Algorithms to Power Systems." [Online]. Available : <http://members.tripod.com/~ann2ps/ga/index.html> 1997.
- [12] K. Warwick, A. Ekwue and R. Aggarwal. **Artificial Intelligence Techniques in Power Systems**. London : Institution of Electrical Engineers, 1997.
- [13] J. A. Momoh and M. E. El-Hawary. **Electric Systems, Dynamics, and Stability with Artificial Intelligence Applications**. New York, NY : Marcel Dekker, 2000.
- [14] David C. Walters and Gerald B. Sheble. "Genetic Algorithm Solution of Economic Dispatch with Value Point Loading." IEEE Trans. on Power Systems, vol. 8, no. 3, Aug. 1993. pp. 1325-1332.

- [15] Gerald B. Sheble and Kristin Brittig. "Refined Genetic Algorithm – Economic Dispatch Example." IEEE Trans. on Power Systems, vol. 10, no. 1, Feb. 1995. pp. 117-124.
- [16] A. Bakirtzis, V. Petridis, and S. Kazarlis. "Genetic Algorithm Solution to the Economic Dispatch Problem." IEE Proc. Gener. Transm. Distrib., vol. 141, no. 4, Jul. 1994. pp. 377-382.
- [17] K. P. Wong and Y. W. Wong. "Genetic and Genetic/Simulated-Annealing Approaches to Economic Dispatch." IEE Proc. Gener. Transm. Distrib., vol. 141, no. 4, Jul. 1994. pp. 507-513.
- [18] F. Li, R. Morgan, D. Williams, and Y. H. Song. "Handling Constrained Power Dispatch with Genetic Algorithms." IEE Conference of Genetic Algorithms in Engineering Systems, no. 414, Sep. 1995, pp. 181-187.
- [19] Po-Hung Chen and Hong-Chan Chang. "Large-Scale Economic Dispatch by Genetic Algorithm." IEEE Trans. on Power Systems, vol. 10, no. 4, Nov. 1995. pp. 1919-1925.
- [20] S. O. Orero and M. R. Irving. "Economic Dispatch of Generators with Prohibited Operating Zones : a Genetic Algorithm Approach." IEE Proc. Gener. Transm. Distrib., vol. 143, no. 6, Nov. 1996. pp. 529-534.
- [21] Hong-Tzer Yang, Pai-Chuan Yang, and Ching-Lien Huang. "Evolutionary Programming based Economic Dispatch for Units with Non-smooth Fuel Cost Functions." IEEE Trans. on Power Systems, vol. 11, no. 1, Feb. 1996. pp. 112-118.
- [22] Y. H. Song and C. S. V. Chou. "Advanced Engineered-Conditioning Genetic Approach to Power Economic Dispatch." IEE Proc. Gener. Trans. Distrib., vol. 144, no. 3, May. 1997. pp. 285-292.
- [23] F. Li, R. Morgan, and D. Williams. "Towards more Cost Saving Under Stricter Ramping Rate Constraints of Dynamic Economic Dispatch Problems – a Genetic based Approach." IEE Conf. on Genetic Algorithms in Engineering Systems, no. 446, Sep. 1997, pp. 221-225.
- [24] W. Ongsakul and J. Tippayachai. "Constrained Economic Dispatch by Micro Genetic Algorithm based on Migration and Merit Order Loading Solutions." Proc. of Int. Conf. on Electric Utility Deregulation and Restructuring and Power Technologies, 2000, pp. 510 –517.
- [25] W. Ongsakul and N. Ruangpayoongsak. "Constrained Dynamic Economic Dispatch by Simulated Annealing/Genetic Algorithms." IEEE Power Engineering Society Int. Conf. on Power Industry Computer Applications, 2001 pp. 207 –212.
- [26] Whei-Min Lin, Fu-Sheng Cheng, and Ming-Tong Tsay, "Nonconvex Economic Dispatch by Integrated Artificial Intelligence." IEEE Trans. on Power Systems, vol. 16, no. 2, May 2001, pp. 307-311.

- [27] R. W. de Mello and J. C. Westcott. "Economic Characteristic of Power Plants." Power System Scheduling and Operation Course. Power Technologies, Inc. 1984.
- [28] J. R. Reddington. "Consideration of Steam Turbine Value Loops on Unit Performance." Power System Scheduling and Operation Course. Power Technologies, Inc. 1984.
- [29] P. Marannino, G. P. Granelli, M. Montagna, and A. Silvestri. "Different Time-scale Approaches to the Real Power Dispatch of Thermal Units." IEEE Trans. on Power Systems, vol. 5, no. 1, Feb. 1990, pp. 169-174.
- [30] A. H. Noyola, W. M. Grady, and G. L. Viviani. "An Optimized Procedure for Determining Incremental Heat Rate Characteristics." IEEE Trans. on Power Systems, vol. 5, no. 2, May. 1990, pp. 376-383.
- [31] C. Wang and S. M. Shahidepour. "Effects of Ramp-rate Limits on Unit Commitment and Economic Dispatch." IEEE Trans. on Power Systems, vol. 8, no. 3, Aug. 1993, pp. 1341-1350.
- [32] G. Huang and K. Song. "A Simple Two Stage Optimization Algorithm for Constrained Power Economic Dispatch." IEEE Trans. on Power Systems, vol. 9, no. 4, Nov. 1994, pp. 1818-1824.
- [33] R. W. Ferrero and S. M. Shahidepour. "Dynamic Economic Dispatch in Deregulated Systems." Electrical Power & Energy Systems, vol. 19, no. 7, 1997, pp. 433-439.
- [34] D. L. Travers and R. J. Kaye. "Dynamic Dispatch by Constructive Dynamic Programming." IEEE Trans. on Power Systems, vol. 13, no. 1, Feb. 1998, pp. 72-78.
- [35] G. Demartini, G. P. Granelli, P. Marannino, M. Montagna, and M. Ricci. "Co-ordinated Economic and Advance Dispatch Procedures." IEEE Trans. on Power Systems, vol. 11, no. 4, Nov. 1996, pp. 1785-1791.
- [36] A. M. Sasson and H. M. Merrill. "Some Applications of Optimization Techniques to Power System Problems." Proc. of the IEEE, vol. 62, no. 7, Jul. 1971, pp. 959-982.
- [37] R. R. Shoults, S. V. Venkatesh, S. D. Helmick, G. L. Ward, and M. J. Lollar. "A Dynamic Programming based Method for Developing Dispatch Curves when Incremental Heat Rate Curves are Non-monotonically Increasing." IEEE Trans. on Power Systems, vol. PWRS-1, no. 1, Feb. 1986, pp. 10-15.
- [38] J. A. Larson. "Effect of Accuracy Improvement under Uncertainty Economic Dispatch Example." IEEE Trans. on Power Systems, vol. PWRS-2, no. 4, Nov. 1987, pp. 999-1005.
- [39] I. Erkmén and T. Adanir. "A Short-term Load Prediction Algorithm for Dynamic Economic Dispatch." Proc. of the 7th Mediterranean Electrotechnical Conference, vol. 3, 1994, pp. 885-888.

- [40] Zi-Xiong Liang and J. Duncan Glover. "A Zoom Feature for a Dynamic Programming Solution to Economic Dispatch Including Transmission Losses." *IEEE Trans. on Power Systems*, vol. 7, no. 2, May. 1992. pp. 544-550.
- [41] A. Jiang and S. Ertem. "Economic Dispatch with Non-monotonically Increasing Incremental Cost Units and Transmission System Losses." *IEEE Trans. on Power Systems*, vol. 10, no. 2, May 1995, pp. 891-897.
- [42] W. R. Barcelo and P. Rastgoufard. "Dynamic Economic Dispatch using the Extended Security Constrained Economic Dispatch Algorithm." *IEEE Trans. on Power Systems*, vol. 12, no. 2, May 1997, pp. 961-967.
- [43] J. L. Grefenstette and James E. Baker. "How Genetic Algorithms Work: a Critical Look at Implicit Parallelism." *Proc. of the Third Int. Conf. on Genetic Algorithms*, 1989, pp. 20-27.
- [44] Sophie Rochet, Mohamed Slimane, and Gilles Venturini. "Epistasis for Real Encoding in Genetic Algorithms." *Proc. Australian New Zealand Conf. On Intelligent Information Systems*, Nov. 1996. pp. 268-271.
- [45] Keith E. Mathias and L. Darrell Whitley. "Transforming the Search Space with Gray Coding." *Proceedings of the First IEEE Conference on Computational Intelligence*, vol. 1, 1994. pp. 513-518.
- [46] Gérard Cohen, Simon Litsyn, and Gilles Zémor. "On the Traveling Salesman Problem in Binary Hamming Spaces." *IEEE Trans. on Information Theory*, vol. 42, no. 4, Jul. 1996. pp. 1274-1276.
- [47] A. H. Wright. "Genetic Algorithms for Real Parameter Optimization." *Foundation of Genetic Algorithms*, 1991, pp. 205-218.
- [48] C. R. Stephens and H. Waelbroeck. "Schemata and Building Blocks: Does Size Matter?" *Foundation of Genetic Algorithms*, Morgan Kaufmann Pub., Inc. 1999, pp. 117- 133.
- [49] A. Rogers and A. Prügel-Bennett. "Genetic Drift in Genetic Algorithm Selection Schemes." *IEEE Trans. on Evolutionary Computation*, vol. 3, no. 4, Nov. 1999, pp. 298-303.
- [50] T. Blickle and L. Thiele. "A Comparisons of Selection Schemes used in Evolutionary Algorithms." *TIK-Report*, Swiss Federal Institute of Technology, Jan 1997.
- [51] G. Syswerda. "Uniform Crossover in Genetic Algorithms." *Proc. of the Third Int. Conf. on Genetic Algorithms*, 1989, pp. 2-9.
- [52] K. A. De Jong and W. M. Spears. "A Formal Analysis of the Role of Multi-Point Crossover in Genetic Algorithms." *Annals of Mathematics and Artificial Intelligence*, 1992, pp. 1-29.

- [53] M. Srinivas and L. M. Patnaik. "Adaptive Probabilities of Crossover and Mutation in Genetic Algorithms." IEEE Trans. on Systems, Man and Cybernetics, vol. 24, no. 4, Apr. 1994, pp. 656-667.
- [54] Christopher K. Oei, David E. Goldberg, and Shau-Jin Chang. "Tournament Selection, Niching, and the Preservation of Diversity." IlliGAL Report No. 91011. University of Illinois at Urbana-Champaign. Dec. 1991.
- [55] S. W. Mahfoud. "Simple Analytical Models of Genetic Algorithms for Multimodal Function Optimization." IlliGAL Report No. 93001. University of Illinois at Urbana-Champaign. Dec. 1993.
- [56] S. Ronald. "Robust Encodings in Genetic Algorithms: a Survey of Encoding Issues." IEEE Int. Conf. on Evolutionary Computation, 1997, pp. 43-48.
- [57] X. Qi and F. Palmieri. "Theoretical Analysis of Evolutionary Algorithms with and Infinite Population Size in Continuous Space Part I: Basic Properties of Selection and Mutation." IEEE Trans. on Neural Networks, vol. 5, no. 1, Jan. 1994, pp. 102-119.
- [58] X. Qi and F. Palmieri. "Theoretical Analysis of Evolutionary Algorithms with and Infinite Population Size in Continuous Space Part II: Analysis of the Diversity Role of Crossover." IEEE Trans. on Neural Networks, vol. 5, no. 1, Jan. 1994, pp. 120-129.
- [59] Jean-Michel Renders and Stéphane P. Flasse. "Hybrid Methods Using Genetic Algorithms for Global Optimization." IEEE Trans. on System, Man, and Cybernetics, vol. 26, no. 2, Apr 1996, pp. 243-258.
- [60] Thomas Grüninger and David Wallace. "Multimodal Optimization using Genetic Algorithms: an Investigation of a New Crowding Variation and the Relationship between Parental Similarity and the Effect of Crossover." MIT-CADLab Technical Report no. 92.06, Massachusetts Institute of Technology, 1996.
- [61] Brad L. Miller and Michael J. Shaw. "Genetic Algorithms with Dynamic Niche Sharing for Multimodal Function Optimization." IlliGAL Report No. 95010. University of Illinois at Urbana-Champaign. Dec. 1995.
- [62] S. W. Mahfoud. "Crowding and Preselection Revisited." Parallel Problem Solving From Nature, Elsevier Science Publishers, 1992, pp. 27-36.
- [63] S. W. Mahfoud. "Crossover Interactions among Niches." Proc. of IEEE 1st Conference on Evolutionary Computation, Jun. 1994, pp. 188-193.
- [64] S. W. Mahfoud. "Genetic Drift in Sharing Methods." Proc. of IEEE 1st Conference on Evolutionary Computation, Jun. 1994, pp. 67-72.

- [65] S. W. Mahfoud. "A Comparison of Parallel and Sequential Niching Methods." Proc. Of the 6th Inter. Conference on Genetic Algorithms, 1995, pp. 136-143.
- [66] S. W. Mahfoud. "Population Size and Genetic Drift in Fitness Sharing." Foundation of Genetic Algorithms, 1995, pp. 185-223.
- [67] S. W. Mahfoud. **Niching Methods for Genetic Algorithms**. Doctoral Dissertation, University of Illinois at Urbana-Champaign, 1995.
- [68] David Beasley, David R. Bull, and Ralph R. Martin. "A Sequential Niche Technique for Multimodal Function Optimization." Technical Report no. 93001. UWCC COMMA. Feb. 1993.
- [69] M. Jelasity and J. Dombi. "GAs, an Approach to a Solution of the Niche Radius Problem." 1st Int. Conf. on Genetic Algorithms in Engineering Systems, 1995. pp. 424-429.
- [70] Paul Darwen and Xin Yao. "Every Niching Method has its Niche: Fitness Sharing and Implicit Sharing Compared." 4th Int. Conf. on Parallel Problem Solving from Nature, Sep. 1996. pp. 395-407.
- [71] A. Pétrowski. "A Clearing Procedure as a Niching Method for Genetic Algorithms." Proc. of IEEE Int. Conf. on Evolutionary Computation, 1996, pp. 798-803.
- [72] Bruno Sareni and Laurent Krähenbühl. "Fitness Sharing and Niching Methods Revisited." IEEE Trans. on Evolutionary Computation, vol. 2, no. 3, Sep. 1998. pp. 97-106.
- [73] Lester Ingber. "Simulated Annealing : Practice Versus Theory." Mathl. Comput. Modeling., vol. 18, no. 11, 1993. pp. 29-57.
- [74] Kit Po Wong and Yin Wa Wong. "Development of Hybrid Optimization Techniques based on Genetic Algorithms and Simulated Annealing." Progress in Evolutionary Computation, Workshops on Evolutionary Computation, Nov. 1993, pp. 127-154.
- [75] R. A. Rutenbar. "Simulated Annealing Algorithms: an Overview." IEEE Circuits and Devices, vol. 5, no. 1, Jan. 1989, pp. 19-26.
- [76] D. Whitley, K. Mathias, S. Rana, and J. Dzubera. "Building Better Test Functions." Proc. of the 6th Int. Conf. on Genetic Algorithms, 1995, pp. 238-246.
- [77] S. Sato. "Simulated Quenching: a New Placement Method for Module Generation." IEEE/ACM Inter. Conf. on Computer Aided Design, 1997, pp. 538-541.
- [78] R. R. Shoults, R. K. Chakravarty and R. Lowther, "Quasi-static Economic Dispatch using Dynamic Programming with an Improved Zoom Feature." Electric Power Systems Research, vol. 39, no. 3, Dec. 1996, pp. 215-222.

- [79] F. Li, R. Morgan and D. Williams, "Hybrid Genetic Approaches to Ramping Rate Constrained Dynamic Economic Dispatch." *Electric Power Systems Research*, vol. 43, no. 2, Nov. 1997, pp. 97-103.
- [80] C. Chamsilp, W. Ongsakul, and S. Potivejkul, "Energy Sharing Algorithms as Deterministic Power Balancing Strategies for Constrained Economic Dispatch Problems based upon Genetic / Niching Genetic Algorithms." *24th Electrical Engineering Conference*, vol. 1, Nov. 2001, pp. 53-58.
- [81] W. Ongsakul and J. Tippayachai, "Micro Genetic Algorithm based on Migration and Merit Order Loading Solutions to the Constrained Economic Dispatch Problems." *International Journal of Electrical Power & Energy Systems*, vol. 24, no. 3, Mar. 2002, pp. 223-231.
- [82] W. Ongsakul and J. Tippayachai, "Parallel Micro Genetic Algorithms based on Merit Order Loading Solutions for Constrained Dynamic Economic Dispatch." *Electric Power Systems Research*, In Press, Uncorrected Proof, Available online 29 November 2001.
- [83] X. S. Han, H. B. Gooi, and D. S. Kirschen, "Dynamic Economic Dispatch: Feasible and Optimal Solutions." *IEEE Trans. on Power Systems*, vol. 16, no. 1, Feb. 2001, pp. 22 -28.