

เอกสารอ้างอิง

- Alvisi, S., & Franchini, M. (2015). A Linearization Approach for Improving the Computational Efficiency of Water Distribution System Ranking-based Optimization Algorithms. *Procedia Engineering*, 119, 516-525.
- Bi, W., Dandy, G. C., & Maier, H. R. (2015). Improved genetic Algorithm optimization of water distribution system design by incorporating domain knowledge. *Environmental Modelling & Software*, 69, 370-381.
- Bolognesia, A., Bragallia, C., Lenzib, C., & Artinaa, S. (2014). Energy efficiency optimization in water distribution systems. *Procedia Engineering*, 70, 181-190.
- Bureau of Energy Human Resource Development- Ministry of Energy (2016). Fundamental of fluid mechanics. <http://www2.dede.go.th>. Search date Mar, 1st/2016.
- Bureerat, S., & Sriworamas, K. (2013). Simultaneous topology and sizing optimization of a water distribution network using a hybrid multiobjective evolutionary Algorithm. *Applied Soft Computing*, 13(8), 3693-3702.
- Chen, S. G. (2010). An Optimal Capacity Assignment for The Robus Design Problem in Capacitated Flow Networks. *Applied Mathematical Modelling*, 36, 5272-5282.
- Chonsuk, D. (2016). Engineering Piping Design. <http://www.dulyachot.me.engr.tu.ac.th>. Search date Oct, 25th/2016.
- Cisty, M. (2010). Hybrid Genetic Algorithm and Linear Programming Method for Least-Cost Design of Water Distribution Systems. *Water Resources Management*, 24, 1-24.
- Creaco, E., & Franchini, M. (2014). Low Level Hybrid Procedure for the Multi-objective Design of Water Distribution Networks. *Procedia Engineering*, 70, 369-378.
- Lee, H.M., Yoo, D.G., Sadollah, A., & Kim, J.H. (2016). Optimal cost design of water distribution networks using a decomposition approach. *Engineering Optimization*, 1-16.
- Li, M., Liu, S., Zhang, L., Wang, H., Meng, F., & Bai, L. (2012). Non-dominated Sorting Genetic Algorithms-II Based on Multi-objective Optimization Model in the Water Distribution System. *Procedia Engineering*, 37, 309-313.
- Li, Y., & Zeng, X. (2010). Sequential multi-criteria feature selection algorithm based on agent genetic algorithm. *Applied Intelligence*, 33, 117-131.

- Lima, G.J., Zangenehb, S., Baharnematia,M. R., &Assavapokeec, T. (2012). A capacitated network flow optimization approach for short notice evacuation planning. *European Journal of Operational Research*, 223, 234-245.
- Norman, B. A., & Bean, J. C. (1995). Random Keys Genetic Algorithm for Scheduling: Unabridged Version.
- Maier, H. R., Kapelan, Z., Kasprzyk, J., Kollat, J., Matott, L. S., Cunha, M. C.,& Reed, P. M. (2014). Evolutionary Algorithms and other metaheuristics in water resources: Current status, research challenges and future directions. *Environmental Modelling & Software*, 62, 271-299.
- Mora-Melia, D., Iglesias-Rey, P. L., Martinez-Solano, F. J. & Fuertes-Miquel, V.S. (2013). Design of Water Distribution Networks using a Pseudo-Genetic Algorithm and Sensitivity of Genetic Operators. *Water Resources Management*, 27, 4149–4162.
- Nguyen, S. Kachitvichyanukul, V. & Wisittipanich, W. (2013) ET-Lib User's Guide Volume 2 Differential Evolution.
- Pierro, F., Khu, S.T., Savic, D., & Berardi, L. (2009). Efficient multi-objective optimal design of water distribution networks on a budget of simulations using hybrid Algorithms. *Environmental Modelling & Software*, 24(2), 202-213.
- Qin, A. K., Huang ,V. L., & Suganthan, P. N. (2003). Differential Evolution Algorithm With Strategy Adaptation for Global Numerical Optimization. *IEEE Transactions on Components and Packaging Technologies*, 13, 398-417.
- Rahmani, F., & Behzadian, K. (2014). Sequential Multi-objective Evolutionary Algorithm for a Real-world Water Distribution System Design. *Procedia Engineering*, 89, 95-102.
- Sedki, A., & Ouazar, D. (2012). Hybrid particle swarm optimization and differential evolution for optimal design of water distribution systems. *Advanced Engineering Informatics*, 26(3), 582-591.
- Storn, R. & Price, K. (1997). Differential Evolution – A simple and Efficient Heuristic for Global Optimization Over Continuous Spaces. *Journal of Global Optimization*, 11, 341-359.
- Vasan, A., & S. P. Simonovic. (2010). Optimization of Water Distribution Network Design Using Differential Evolution. *Journal of Water Resources Planing and management*, 136(2), 279-287.

- Wang, Q., Creaco, E., Franchini, M., Savic, D., & Kapelan, Z. (2015). Comparing Low and High-Level Hybrid Algorithms on the Two-Objective Optimal Design of Water Distribution Systems *Water Resources Management*, 29, 1-16.
- Williams, G.S., & Hazen, A. (1920). Hydraulic tables; the elements of gaging and the friction of water flowing in pipes, aqueducts, sewers, etc., as determined by the Hazen and Williams formula and the flow of water over sharp-edged and irregular weirs, and the quantity discharged as determined by Bazin's formula and experimental investigations upon large models. 3rd Edition
- Winston, W.L., (2012). Operations Research: Applications and Algorithms, 4th Edition
- Zheng, F., Simpson, A.R., & Zecchin, A.C. (2013). A decomposition and multistage optimization approach applied to the optimization of water distribution systems with multiple supply sources. *Water Resources Research*, 49, 380-399
- Zheng, F., & Zecchin, A. C. (2014). An efficient decomposition and dual-stage multi-objective optimization method for water distribution systems with multiple supply sources. *Environmental Modelling & Software*, 55, 143-155



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