References

These documents have been studied during the making of this PhD thesis:

1. **PhD Thesis**

   PhD Thesis is the best document if one wants to study a particular scientific knowledge that is related to his research topic *in-depth*. It is usually a well written document which has undergone *many* reviews.

   - Black-Box Approach [18, 120]
   - White-Box Approach [74, 83, 85, 110, 153]

2. **Books**

   Books contain past but established body of knowledge. Actually, scientific books will only contain 'outdated' information, but nevertheless they are more clearly written and contains the compilation of successful research compared to the newer journals which perhaps still preliminary and myopic.

   - Stochastic Local Search a.k.a Metaheuristics [1, 11, 17, 24, 37, 40, 55, 56, 72, 75, 112, 124, 131, 135, 136, 147, 158, 176]
   - Metaheuristics International Conference Post-Conference Volume [127, 178, 140, 139, 77, 34]
   - Human Computer Interaction (HCI), especially Information Visualization and User Interface [45, 49, 66, 82, 132, 145, 150, 152, 168, 169, 170, 171, 172, 173, 174, 175, 181]
   - Statistics [59]
   - PhD/Scientist Life [47, 54, 105, 129, 143]
   - Other books [9, 25, 30, 29, 51, 184, 186, 190]

3. **Chapters in Book**

   Similar to previous entry, but this time the focus is on specific chapter in that book instead of referring to the whole book.

   - In Metaheuristics International Conference Post-Conference Volume [26, 48, 61, 93, 111]
   - Stochastic Local Search a.k.a Metaheuristics [35, 57, 81, 154, 155, 166, 177]
   - Human Computer Interaction (HCI), especially Information Visualization [3, 71, 114]
   - Others [27, 43, 46, 128]

4. **Journal Articles**

   Journals contain the more recent advances in science, written in a lengthier, and more in-depth compared to conference papers.

   - Journal of Heuristics [8, 10, 28, 31, 44, 52, 73, 134, 144, 165]
   - ORSA [12, 138]
   - Operations Research [2, 104, 151]
   - ACM [20, 92]
   - IEEE [36, 185]

- ITOR [97]
- Others [13, 21, 23, 53, 70, 87, 88, 106, 107, 109, 115, 137, 146, 160, 161, 162, 183]

5. **Conference Papers**

   Conference papers contain the most recent advances in science, written in a short, concise, breadth manner. Usually the results reported are still preliminary (fresh ideas), but nevertheless reading conference papers is the best way to keep in touch with the latest development of your research field. However, always try to look for the journal version of a particular conference paper (if any), as journal version will likely contain updated information.

   - Metaheuristics International Conference (MIC) [14, 32, 33, 38, 78, 98, 94, 96, 126, 149, 157, 182]
   - European Conference on Artificial Intelligence (ECAI) [63]
   - User Interface Software and Technology (UIST) [64]
   - Stochastic Local Search Workshop (SLS) [62]
   - Constraint Programming (CP) [41, 39, 76, 65]
   - American Association for Artificial Intelligence (AAAI) [6, 89, 95, 108]
   - International Conference on Tools with Artificial Intelligence (ICTAI) [100, 103]
   - Computer Software and Applications Conference (COMPSAC) [99]
   - Congress on Evolutionary Computation (CEC) [42, 141, 142, 156, 187, 189]
   - International Conference on Genetic Algorithms (ICGA) [86]
   - Genetic and Evolutionary Computation Conference (GECCO) [19, 116, 50]
   - Conference on Human Factors in Computing Systems (CHI) [148]
   - Other Conferences [5, 7, 69, 79, 84, 90, 91, 117, 118, 119, 121, 122, 125, 130, 159, 188]

6. **Miscellaneous**

   - **Masters Thesis** [102, 180]
   - **Honors Year Project Reports** [60, 80, 179]
   - **Technical Reports** [15, 16, 4, 67, 101, 113, 133, 163, 164, 167]
   - **Internet Address — URLs** [22, **?**, 68, 58, 123]

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