Algorithms for Multi-Dimensional Search

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Outline

1. Preliminary: single-dimensional search.

2. Two-dimensional search.

3. Polydimensional search: part one.

4. Polydimensional search: part two.

References

1. Bird, R.: Improving Saddleback Search: A Lesson in Algorithm Design. In Uustalu, T. (ed.): *Proceedings of 8th International Conference in Mathematics in Program Construction.* Lecture Notes in Computer Science **4014** (2006) 82–89

2. Dijkstra, E.W.: The Saddleback Search. Note EWD-934. (1985) Available at `http://www.cs.utexas.edu/users/EWD/index09xx.html`