Advanced topics in data structures:

bibliography list #2

1. Binomial queues were first introduced in [11] (Another good reference for them is [1]).
2. The best reference for Fibonacci heaps and their applications is the original paper by Fredman and Tarjan [3].
3. Fat heaps are described in [7]. It is available online from my publications page.
4. Node coping and node splitting in their most general form are described in [2].
5. The planar point location application appears in [9].
6. The results on persistent doubly ended queues are from [6, 5]. These papers are available online from my publications page.
7. Finger search trees are described in [10, 4].
8. Kinetic heaps are described in [8]. It is available online from my publications page.

References

[1] M. R. Brown. Implementation and analysis of binomial queue algorithms. *SIAM J. Computing*, 7(3):298–319, 1978.

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[8] Haim Kaplan, Robert Endre Tarjan, and Kostas Tsioutsiouliklis. Faster kinetic heaps and their use in broadcast scheduling. In *Symposium on Discrete Algorithms*, pages 836–844, 2001.

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[11] J. Vuillemin. A data structure for manipulating priority queues. *Communications of the ACM*, 21:309–314, 1978.