ADS-Mid-Term

判断题 5   A. **单选题** 3   **程序填空题** 1

1-1 Insert 1, 2, 3, 4, 5, and 6 one by one into an initially empty AVL tree. Then the preorder traversal sequence of the resulting tree must be {4, 2, 1, 3, 5, 6}. (1分)

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1-2 In a Turnpike Reconstruction problem, given the distance set D = { 1, 2, 2, 3, 3, 4, 5, 6, 6, 8 }, it is impossible to have a point placed at 3. (1分)

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1-3 In a B+ tree, leaves and nonleaf nodes have some key values in common. (1分)

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1-4 In a Red-Black tree, the path from the root to the farthest leaf is no more than twice as long as the path from the root to the nearest leaf. (1分)

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1-5 For the recurrence equation $T(N) = aT(N/b) + f(N)$, if $af(N/b) = Kf(N)$ for some constant $K > 1$, then $T(N) = \Theta(f(N))$. (1分)

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< 题目集列表

题目集概况

题目列表

提交列表

排名

判断题(共 5 分)   5/5

1   2   3   4   5

A. 单选题(共 3 分)   3/3

1   2   3

程序填空题(共 2 分)   1/1

1