Today: Red-Black trees. § 19.5.
Next class: Homework 2.2 due; AA-trees. § 19.6.; original paper[1]
Reminders: Midterm exam soon. Use newsgroup.

1. List the members of your group below. Underline your name.

2. Depict the *bottom-up red-black tree* resulting from the sequential insertion of $1, 2, 3, \ldots, 10$, $20, 19, \ldots, 11$ into an empty tree. All intermediate trees need not be depicted, but it is advisable to depict at least a few.

[1] Arne Andersson, "Balanced Search Trees Made Simple," in *Proceedings of the Workshop on Algorithms and Data Structures* (Montreal, Canada, 1993).

3. Repeat Question 2 for a top-down red-black tree.