Binary Search Trees = Upper Bound

"Binary search trees solve predecessor search" = my work Complexity of predecessor $\leq O(\log$ n)/eperation "Augmented binary search trees solve partial sumsy work = Preproces of an and a contract of partial sums < O(lg partial-sums problem n)/Apabation $pred(q): max { y \in T}$ $y < q \}$ Maintain an ar Maintain an array A[n] predecessor search under: update(i, Δ): $A[i] = \Delta$ sum(i): return A[0] + ... + A[i]