

u;th veders Computison Pros: Sewich is much faster (~ log_n Steps vs ~ n for a vector.) (ons: No "random access" (No UCi)

equivalent) shared features; Easy to add elements. Continer grows automatically. V. push_back (x) = S. insert (x) Other differences! Sets represent mathematical sets, and hence they cannot store duplicates. sets as "characteristic functions". = f: U -> (0,1). SEU

define for U -> 10,1) Thou of course S = f ({1}). Maps: jast like sets, but you can attach extra data: (42 1 Times 50" (66 | "Chech Catr" 14 Vinion &" M [14] zives "unien Si". Shasin()