

























## Analysis of Deletion ◆ Let *T* be a (2,4) tree with *n* items ■ Tree *T* has *O*(log *n*) height ◆ In a deletion operation ■ We visit *O*(log *n*) nodes to locate the node from which to delete the item ■ We handle an underflow with a series of *O*(log *n*) fusions, followed by at most one transfer ■ Each fusion and transfer takes *O*(1) time ◆ Thus, deleting an item from a (2,4) tree takes *O*(log *n*) time

