B+ Trees Knuth 1973 III

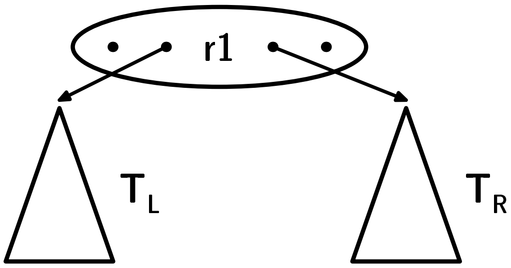
- Order m external balanced multiway tree

  a) the root has j children for $2 \leq j \leq m$ unless it is an external node,

  b) all other internal nodes have j children for $\lceil m/2 \rceil \leq j \leq m$, and

  c) all external nodes are at the same level.

- Symmetric order routing



r1 is a router; it may be shorter than the entire key or record. key values in $T_L <$ r1 $\leq$ key values in T_R