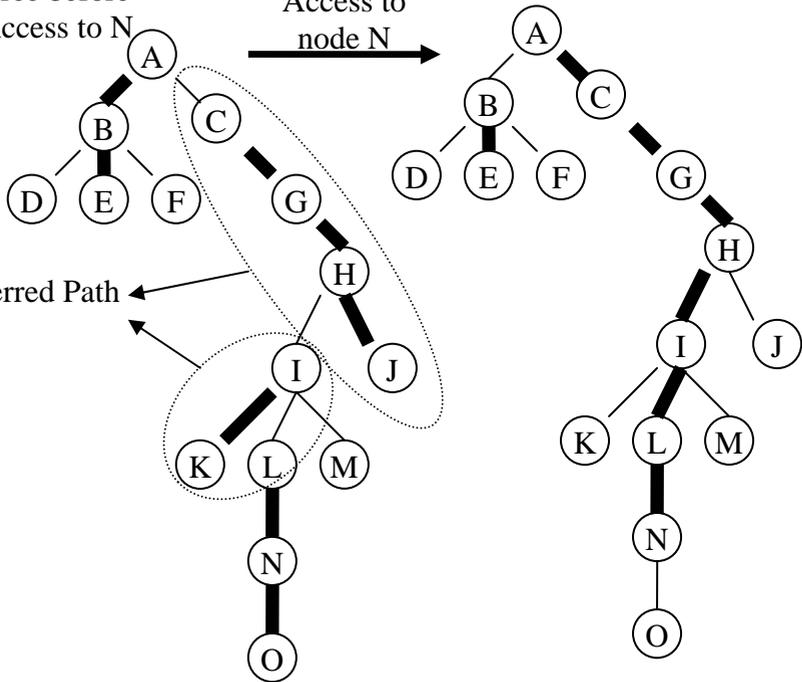


Represented
Tree before
Access to N

Access to
node N

Preferred Path

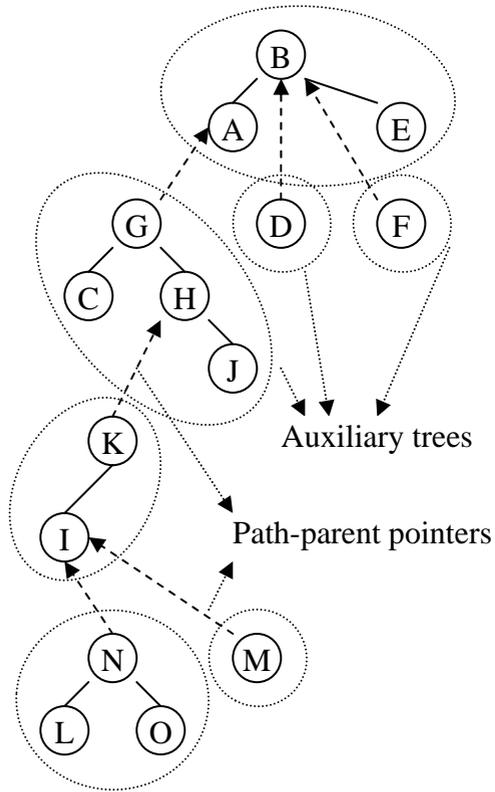


Preferred edge

Normal edge

Path-parent pointer

Auxiliary tree representation of
represented tree before access to node N



Auxiliary trees

Path-parent pointers

Auxiliary trees are splay trees
and are keyed by the depth in
the represented tree.

Figure 1: Structure of Link-Cut Trees and Illustration of Access Operation