Complete tree

[def]

It is a tree that is complete, which it must occur:

Started at root r, it must append at child of r from left to right.

Then append it at the child of left child of r from left to right … .

In array representation, it must NOT occur:

There is at least 1 NIL values between 2 non-NIL values.

[identity]

For k-ary complete tree with depth d, there are n nodes.

(1)

[pf]

And