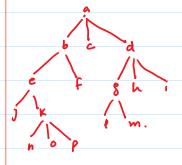
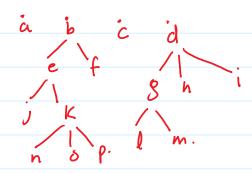
lecture 29

TREE TRAVERSAL.



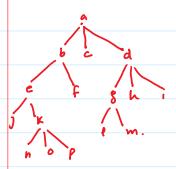
PREOFOER. NLR.



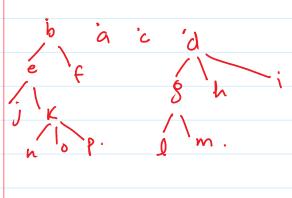
àbèfcaghi

à bèjx f.c.d.g.l.m.h.j

abej Knoffedglmhi



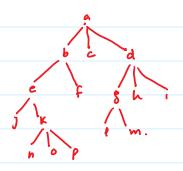
INOPPER LNR. LN(L-R)



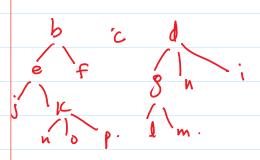
è b f 'a 'c 'g 'd 'n 'i

jerbfaclgmdni

je nkopbfacl gmdni



Posi Order: LRN.



efbcghid.

efbcghid.
j k Q m
l m
n o P.
jkefbclmghid.
1
u o P
jhopkefbclmghid.
Application of Tree Traverse.
-> Expression Exclusion.
·
Exs: ((x+y) 12) + ((x-4) (3).
P657 Ordered rooted Tree.
operand: x, y, 2,
Operation:
LNR.
NLR.
LPN.
7 3
× y. × 4-
Podoh Notah. = lujix = lu O y dos.
= Prefix = Pre Order.
Reverse Postsh Notate = Post fix . = Post Order.
Ex7:- + - + 2 3 5 / 1 2 3 9 =

$$2x7- + - * 2 3 5 / 1 2 3 4.$$
 $+ - * 2 3 5 / 1 8.4.$
 $+ - * 2 3 5 2$
 $+ - 6 5 2$
 $+ 2 3$

SPANNING Tree;

A Spanning tree of a Graph G.

1- Subgraph of G.

2- Contains every Nortex of G.

3- It is a tree.

