Adam Jablonski CS-260

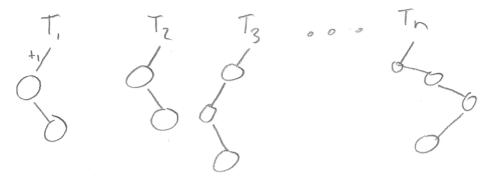
Section 62

Ti, Tz, 000, The for times ti, tz, t3, 000, to

Assuming they run parallel:

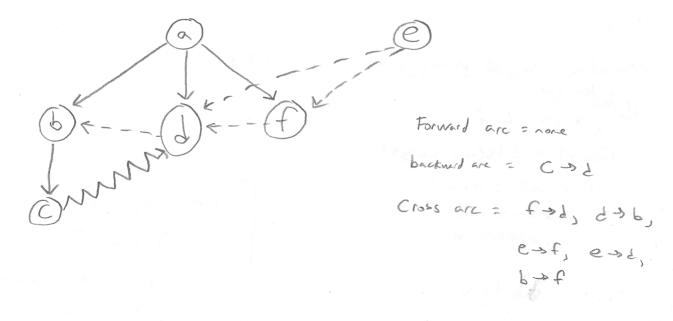
= Marx (+,, +z, ..., +n)

Build a tree



The tree with minty, have a Storge node for the

Section 6.8



Section 6.10

Hassuming I have access to all varicies

Proceedure

List_of_Verticies = [list of varicies]

for x in List_of_verticies:

if Count == len (List- of -verticies);

Teturn True, "vertex is", X

return false.

Section 6.14

Procedure 2fs(vertet v);

Same as nomel 2fs but
returns an additional field
Called Court which is the height.

Procedure longest path (List-of-vertices L)

Vertex = 0

for x in L i

if count > mex:

Max = count

vertex = x

return vertex

Time complexity is

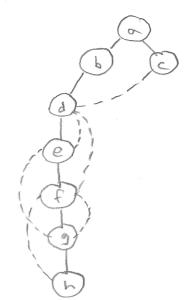
O(n. 2ⁿ)

Singe a for loop is n

and its is recursive

Section 6.15 {f,23, {f3, {23, {c3 ¿f, 2, 63 [{f,2, 5, c3 | {b, c3 {b,c, 23 50,23 {{f, e, b, c3, {e, b, c3} {2, 5, f3 Section 6.20 # Procedure Simple (diagraph & vertici: V, VZ) 1. First = V. d. Last = VZ Visited_List = [] While len(visited, LHD &= total_Nunsu- SP_ vertices; While c. Next &= debast If Svipstred (List) I contain 2 value Visited List & add (d. Warve) White tencorred LAD 1 = total none of notices Print Lovalle L. Nextes else:

else: de previous() # +1 agam de First() Storting at a



Starting at 2

