

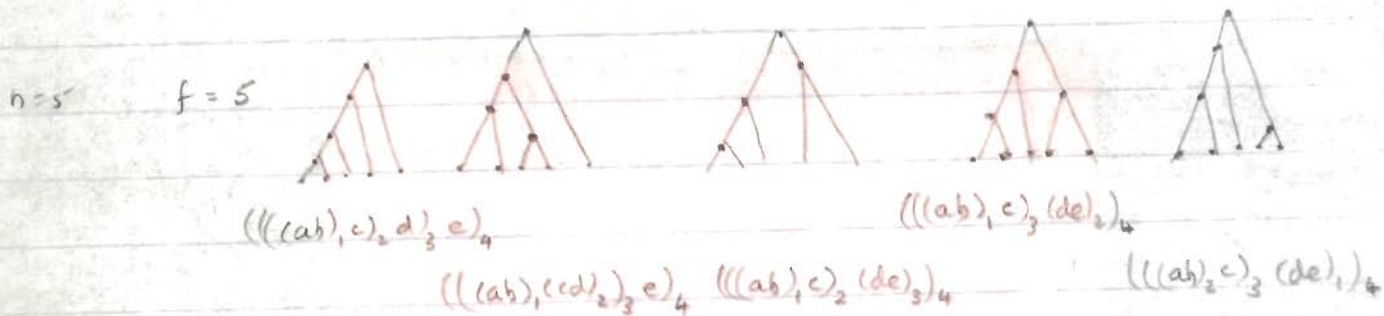
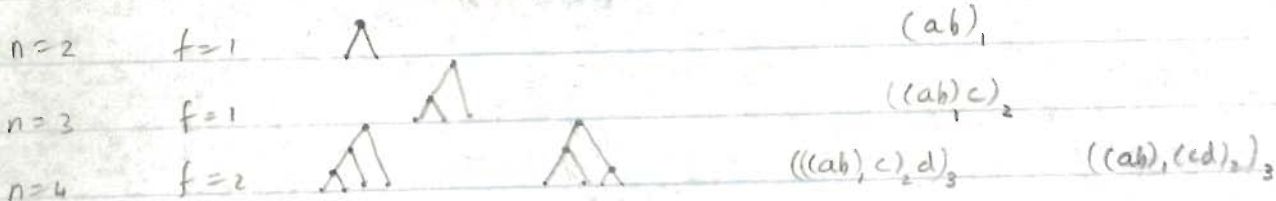
$f_{S/A}$

NJAS  
A111

Neil: a new? sequence

"Distinct hierarchical trees"

"Commutative unlabelled parenthesizings taking account of order"



$n=6$   $f=16$

7 61

8 272

Oops!

this agrees with Euler numbers!

Yes - the exponential g.f. satisfies  $2g' = 1 + g^2$

no  $g(x)$  is just  $\sec x + \tan x$  ie, Euler.

But I can't see a 1-1 corresp. with up-down perms.

Colin

C.L. Mallows