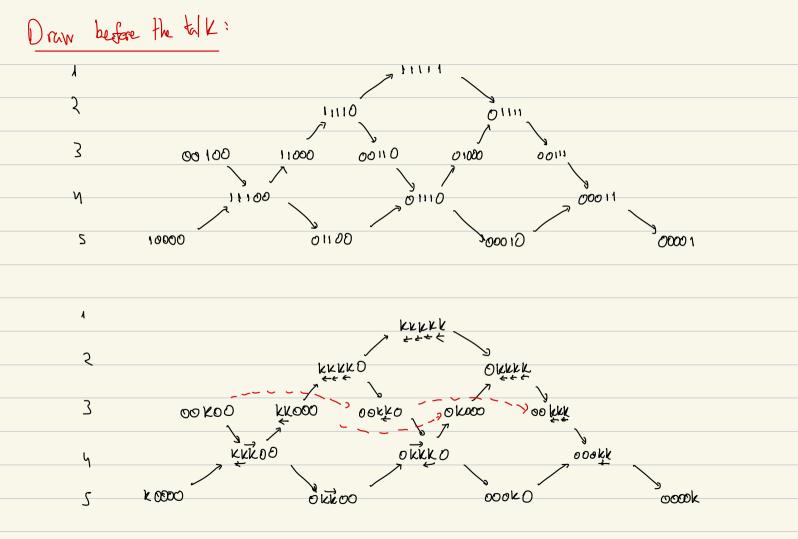
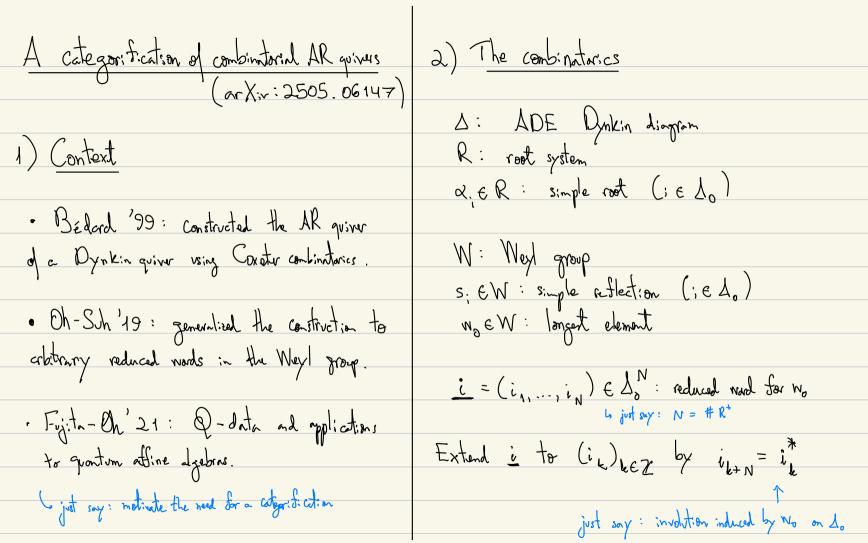
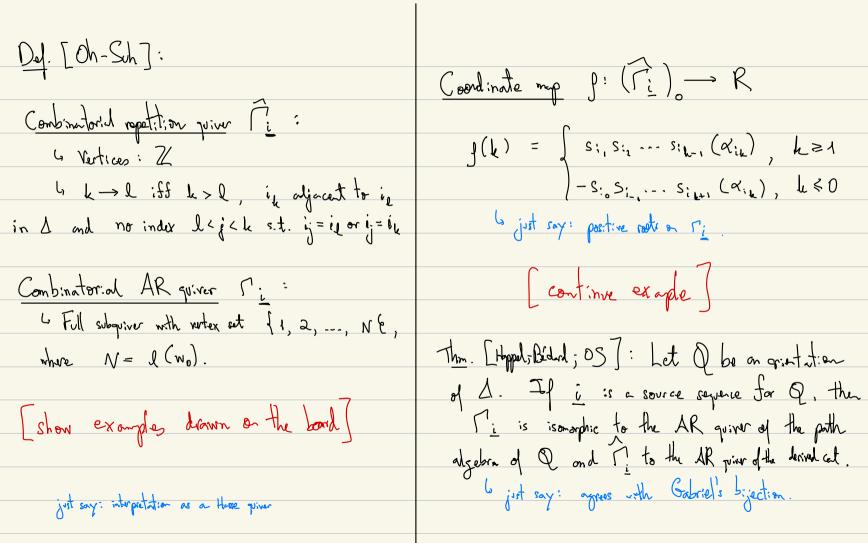
Draw before the talk:

•
$$\Delta = A_s$$
, $i = (5,4,3,2,5,3,4,3,5)$:

$$\Delta = D_{y}$$
, $L = (u, 2, 1, 2, 3, 2, 4, 2, 1, 2, 3, 2)$:







3) The contegoristication

Just say: We want sirst

to contegoristy the east system For $x \in (\widehat{\Gamma}_{\underline{i}})_{o}$, define: R= K : field just say: "Ig enhancement" · the set of abstrace of x is the subset Vi(x) of vertices y TT: derived preprojective alsobra of type 1 over k. pvd (TT): perfectly valued derived cat. of TT

just say: 2-Cy triongulated cat. s.t. x < y < 2x and is adjocent to ix in A. Thm [C.] We have: E_{x} : $\Delta = A_3$, TT is the de path again of $\int_{Y \in V_{\underline{i}(x)}} f(y) = \int_{Y \in V_{\underline{i}(x)}} f(y)$ $\frac{1}{2} \frac{1}{2} \frac{1}$ [demonstrate in the example] $\lambda(t_1 + t_2 + t_3) = [\alpha, \overline{\alpha}] + [\beta, \overline{\beta}]$ Light say: Ho is the preproof alg.

S_i : simple by module ($i \in A_0$)	For le & Z, define
Lemma: Sis a 2-spherich object of prd (TT).	$M^{\frac{1}{k}} = \left\{ T_{i}, T_{i}, \dots, T_{i_{k-1}}(S_{i_{k}}), k \geq 1 \right\}$ $\sum_{i=1}^{k-1} T_{i-1}^{-1} T_{i_{k+1}}(S_{i_{k}}), k \geq 0$
Soild-Thomas Ti: prd (T)	Oct cax: I : the separe a functor Ti is not involutive
Lemm: Ko (pvd (TT)) ~ root Lettice of 1 [S;] ~ ~;	Repet: to categry R(i): Full additive subcategry of pud (IT) generated by the Miz.
and the action of T; corresponds to the action of s:	· Cotegar of sopresentations (6(i): In subcategor of R(i) of objects concentrated in degree O.

