Day 4 Homework:
Drected Asso category An
all compositions
~~ O.
Problem 1: Take Az & consider the following tusk) complexes:
<u>_</u>
X ₂ > back objects X ₃)
(one (x, -> X2) (x, -3x2 -3x3)
Cone $(x_2 \rightarrow X_3)$
Draw the Rell subscategory of It (with) consisting
Draw the RII subscategory of It (TuA) consisting of those 6 objects bulkehove the exact transfer between them?
Transfer between them:
Problem 2: Show the untations of Az (if too
borthy, of Ax).

5 PM: Arguer entends to > Tust, growy us outshed all assur. thener order analogue of octahodral: replace Az Mitations of Az : straightness. what's the letschet I fibrulian giving 1'se to Az. T(x)= generic polynomial of degree 4

(go beyg) on L,=12, Lz=23, Lz=34 dear that you make all you want, only get finitely many thougs.