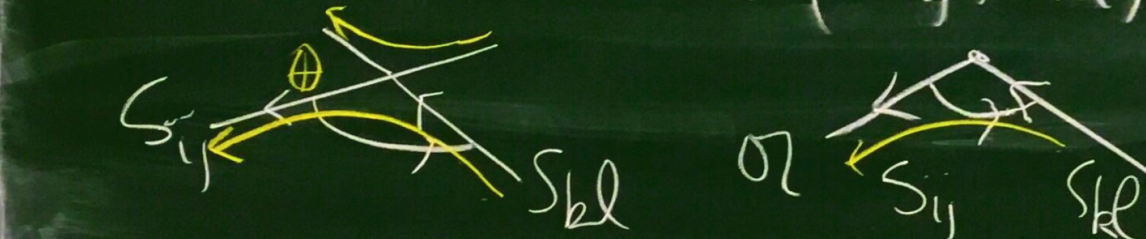
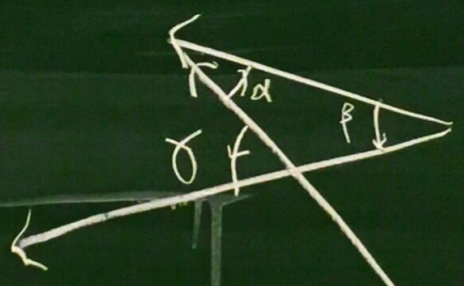


1 Show that $\text{Ext}^1(S_{ij}, S_{kl}) = \mathbb{C}$ whenever S_{ij} and S_{kl} are nontrivial + Show that the corresponding extension is 

2 Show that  $\beta \circ \alpha = \gamma$

3 find all indecomp of $0 \rightarrow 0 \leftarrow 0$ + identify them with lines in a square

4 do the same with $0 \xrightarrow{\alpha} 0 \xrightarrow{\beta} 0$ and draw the category $\hat{\text{rep}}(A)$ and draw the category + identify them with lines in a square