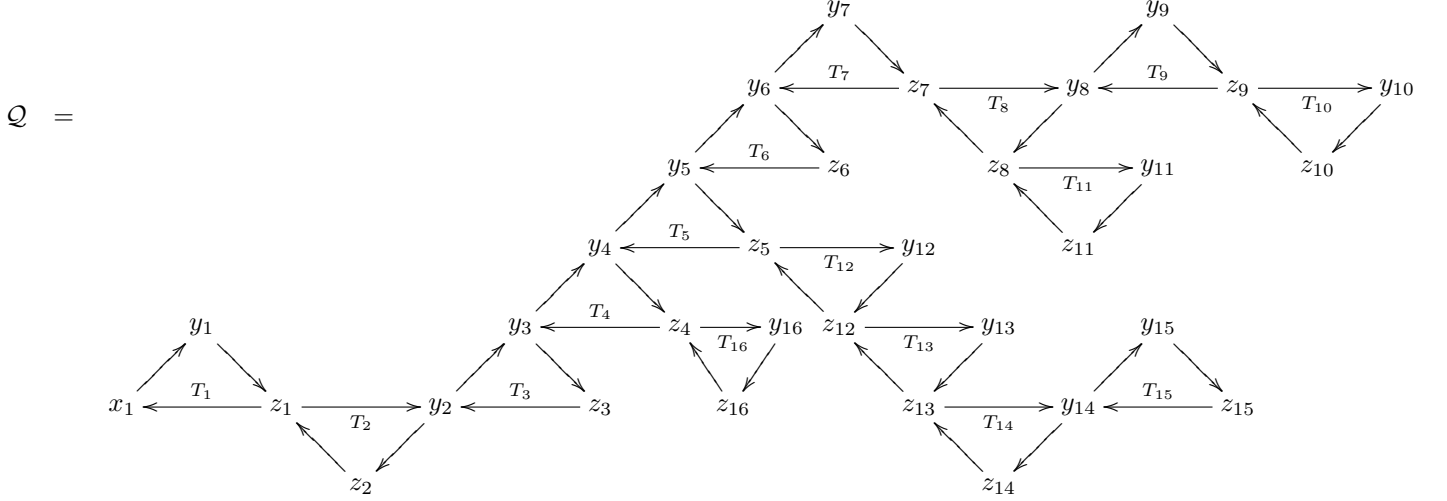


TYPE \mathbb{A} QUIVERS HANDOUT

ALEXANDER GARVER

The embedded, irreducible type \mathbb{A} quiver



has a maximal green sequence $\underline{\mu} = \underline{\mu}_{16} \circ \cdots \circ \underline{\mu}_1 \circ \underline{\mu}_0$ where

$$\begin{aligned}
 \underline{\mu}_0 &= \mu_{x_1} \\
 \underline{\mu}_1 &= \mu_{x_1} \circ \mu_{z_1} \circ \mu_{y_1} \\
 \underline{\mu}_2 &= \mu_{x_1} \circ \mu_{z_1} \circ \mu_{z_2} \circ \mu_{y_2} \\
 \underline{\mu}_3 &= \mu_{y_2} \circ \mu_{x_1} \circ \mu_{z_3} \circ \mu_{y_3} \\
 \underline{\mu}_4 &= \mu_{y_3} \circ \mu_{y_2} \circ \mu_{z_4} \circ \mu_{y_4} \\
 \underline{\mu}_5 &= \mu_{y_4} \circ \mu_{y_3} \circ \mu_{z_5} \circ \mu_{y_5} \\
 \underline{\mu}_6 &= \mu_{y_5} \circ \mu_{y_4} \circ \mu_{z_6} \circ \mu_{y_6} \\
 \underline{\mu}_7 &= \mu_{y_6} \circ \mu_{y_5} \circ \mu_{z_7} \circ \mu_{y_7} \\
 \underline{\mu}_8 &= \mu_{y_6} \circ \mu_{y_5} \circ \mu_{z_7} \circ \mu_{z_8} \circ \mu_{y_8} \\
 \underline{\mu}_9 &= \mu_{y_8} \circ \mu_{y_6} \circ \mu_{z_9} \circ \mu_{y_9} \\
 \underline{\mu}_{10} &= \mu_{y_8} \circ \mu_{y_6} \circ \mu_{z_9} \circ \mu_{z_{10}} \circ \mu_{y_{10}} \\
 \underline{\mu}_{11} &= \mu_{z_{10}} \circ \mu_{y_5} \circ \mu_{z_7} \circ \mu_{z_8} \circ \mu_{z_{11}} \circ \mu_{y_{11}} \\
 \underline{\mu}_{12} &= \mu_{z_6} \circ \mu_{y_3} \circ \mu_{z_5} \circ \mu_{z_{12}} \circ \mu_{y_{12}} \\
 \underline{\mu}_{13} &= \mu_{z_6} \circ \mu_{y_3} \circ \mu_{z_5} \circ \mu_{z_{12}} \circ \mu_{z_{13}} \circ \mu_{y_{13}} \\
 \underline{\mu}_{14} &= \mu_{z_6} \circ \mu_{y_3} \circ \mu_{z_5} \circ \mu_{z_{12}} \circ \mu_{z_{13}} \circ \mu_{z_{14}} \circ \mu_{y_{14}} \\
 \underline{\mu}_{15} &= \mu_{z_6} \circ \mu_{y_{14}} \circ \mu_{z_{15}} \circ \mu_{y_{15}} \\
 \underline{\mu}_{16} &= \mu_{z_{14}} \circ \mu_{y_2} \circ \mu_{z_4} \circ \mu_{z_{16}} \circ \mu_{y_{16}}.
 \end{aligned}$$