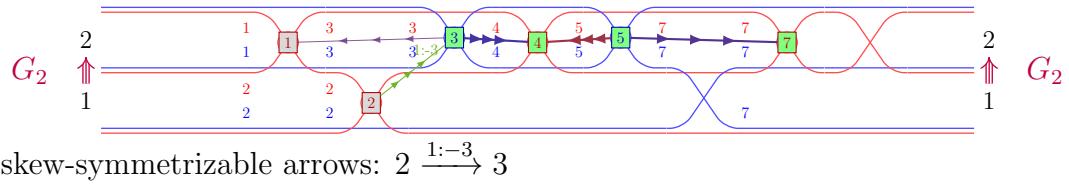


1.

$$u = [2, 1]$$

$$w = [\textcolor{red}{2}, \textcolor{blue}{1}, -2, \textcolor{blue}{2}, -2, \boxed{-1}, \textcolor{red}{2}, \boxed{2}]$$



skew-symmetrizable arrows: $2 \xrightarrow{1:-3} 3$