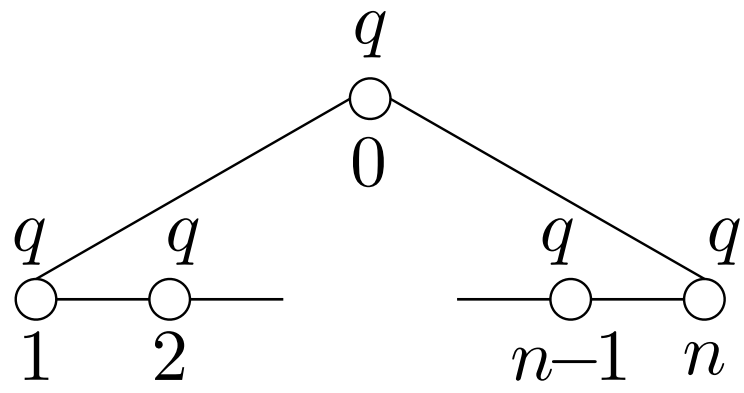
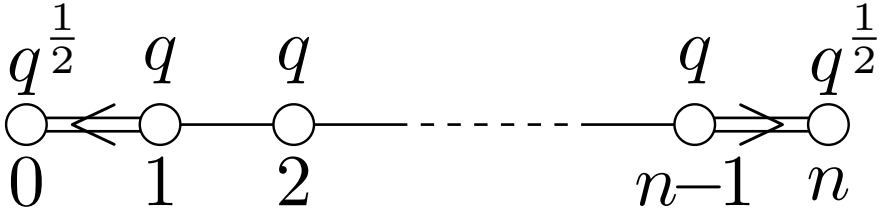
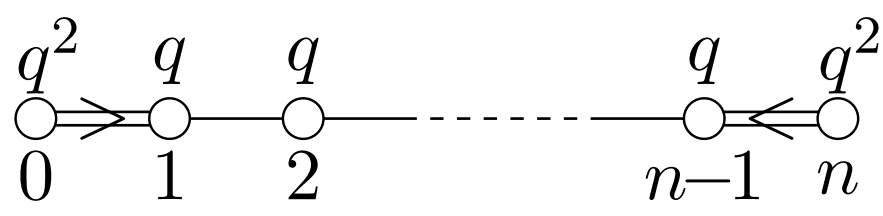
$\mathfrak{g}_n^{\mathrm{tr}} = A_n^{(1)}$



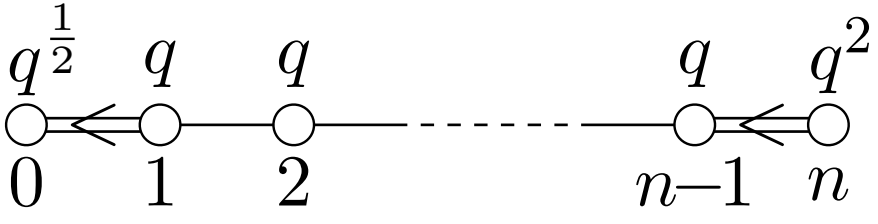
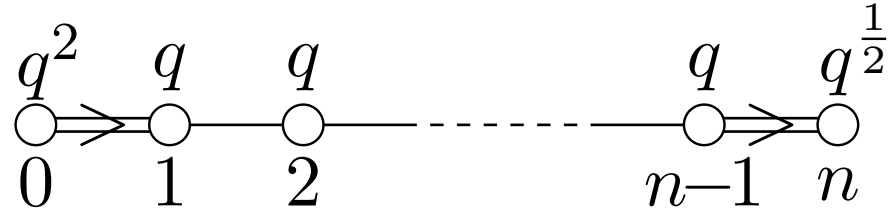
$\mathfrak{g}^{1,1} = D_{n+1}^{(2)}$



$\mathfrak{g}^{2,2} = C_n^{(1)}$



$\mathfrak{g}^{1,2} = A_{2n}^{(2)}$



$\mathfrak{g}^{2,1} = \tilde{A}_{2n}^{(2)}$