$$\underline{\mathrm{Set}\ 1}\ (n=2)$$

$$l_1 = (1)a_{22}^{-1}a_{11}a_{22}^{-1}a_{16}^{-1}a_{23}, l_2 = (1)a_{12}^{-1}a_{14}^{-1}a_{15}.$$

## Set 2 (n = 3)

$$l_1 = (1)a_{22}^{-1}a_{23},$$

$$l_1 = (1)a_{22}^{-1}a_{23},$$
  

$$l_2 = (1)a_{31}^{-1}a_{32},$$

$$l_3 = (1)a_{11}a_{12}^{-1}.$$

### $\underline{\mathrm{Set}\ 3}\ (n=3)$

$$l_1 = (a_{11})a_{21}^{-1}a_{31}^{-1}a_{21}a_{16}^{-1}a_{22}, l_2 = (1)a_{36}a_{15}a_{37}^{-1}a_{34}^{-1},$$

$$l_2 = (1)a_{36}a_{15}a_{37}^{-1}a_{34}^{-1}$$

$$l_3 = (a_{31}^{-3})a_{13}^{-1}a_{36}a_{38}a_{16}a_{14}^{-1}a_{33}a_{24}^{-1}.$$

# Set 4 (n = 3)

$$l_1 = (a_{11})a_{14}^{-1}a_{25}a_{31},$$

$$l_2 = (a_{21})a_{14}^{-1}a_{13}a_{25}^{-1}a_{32}a_{12},$$

$$l_3 = (1)a_{13}a_{24}$$
.

### $\underline{\mathrm{Set}\ 5}\ (n=3)$

$$l_1 = (a_{11})a_{32}a_{14}^{-1}a_{25},$$

$$l_2 = (a_{21})a_{11}a_{12}^{-1}a_{25}^{-1}a_{32}a_{13},$$

$$l_3 = (1)a_{11}a_{24}.$$

### <u>Set 6</u> (n = 5)

$$l_1 = (1)a_{51}^{-1}a_{42}^{-1},$$

$$l_2 = (1)a_{51}^{-1}a_{42}^{-1}a_{24}^{-1}$$
.

$$l_{2} = (1)a_{51}^{-1}a_{42}^{-1}a_{34}^{-1},$$

$$l_{3} = (1)a_{51}^{-1}a_{42}^{-1}a_{44}a_{24}^{-1},$$

$$l_{3} = (1)a_{51}^{-1}a_{42}^{-1}a_{44}a_{24}^{-1},$$

$$l_4 = (1)a_{51}^{-1}a_{13}^{-1}a_{23}^{-1},$$

$$l_5 = (1)a_{12}^{-1}a_{22}^{-1}a_{32}^{-1}a_{42}^{-1}.$$

### $\underline{\text{Set } 7} \ (n=5)$

$$l_1 = (1)a_{51}^{-1}a_{4,11}^{-1},$$

$$l_{2} = (1)a_{42}^{-1}a_{4,11},$$

$$l_{2} = (1)a_{42}^{-1}a_{4,16}a_{51}^{-1}a_{4,11}^{-1}a_{34}^{-1}a_{4,14}^{-1}a_{44},$$

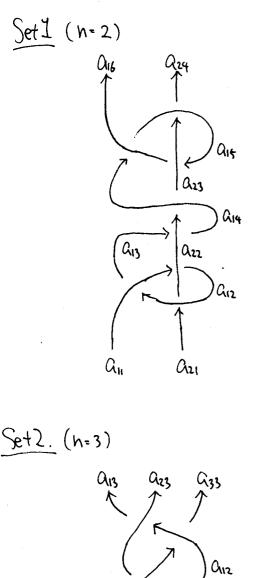
$$l_{3} = (1)a_{51}^{-1}a_{4,11}^{-1}a_{4,13}a_{26}^{-1},$$

$$l_3 = (1)a_{51}^{-1}a_{411}^{-1}a_{413}a_{26}^{-1}$$

$$l_{4} = (a_{41}^{-2})a_{31}a_{11}a_{13}^{-1}a_{27}a_{13}a_{11}^{-1}a_{22}^{-1}a_{4,16}a_{31}^{-1}a_{51}^{-1}a_{13}^{-1}a_{25}^{-1}a_{35}a_{13}a_{11}^{-1}a_{22}a_{11}a_{13}^{-1}a_{27}^{-1}a_{44}a_{35}^{-1},$$

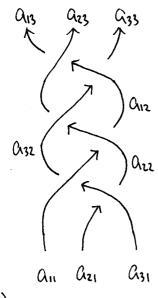
$$l_{5} = (1)a_{12}^{-1}a_{24}^{-1}a_{32}^{-1}a_{4,11}^{-1}.$$

$$l_5 = (1)a_{12}^{-1}a_{24}^{-1}a_{32}^{-1}a_{4,11}^{-1}$$



$$\int_{1} \int_{1} = (1) \Omega_{22}^{-1} \Omega_{11} \Omega_{22}^{-1} \Omega_{16}^{-1} \Omega_{23},$$

$$\int_{2} \int_{1} \int_{1}^{1} \Omega_{12}^{-1} \Omega_{14}^{-1} \Omega_{15}.$$



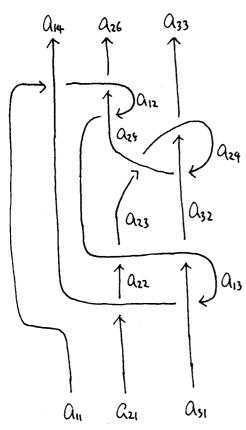
$$\begin{cases} l_1 = (1) Q_{22}^{-1} Q_{23}, \\ l_2 = (1) Q_{31}^{-1} Q_{32}, \\ l_3 = (1) Q_{11} Q_{12}^{-1}. \end{cases}$$

Set 3. (h=3)

$$a_{16}$$
 $a_{24}$ 
 $a_{34}$ 
 $a_{24}$ 
 $a_{34}$ 
 $a_{24}$ 
 $a_{35}$ 
 $a_{34}$ 
 $a_{24}$ 
 $a_{35}$ 
 $a_{34}$ 
 $a_{24}$ 
 $a_{35}$ 
 $a_{34}$ 
 $a_{34}$ 
 $a_{24}$ 
 $a_{35}$ 
 $a_{35}$ 
 $a_{36}$ 
 $a_{36}$ 

$$\begin{cases} \int_{1}^{1} = (\Omega_{11}) \Omega_{21}^{-1} \Omega_{31}^{-1} \Omega_{21} \Omega_{16}^{-1} \Omega_{22}, \\ \int_{2}^{1} = (1) \Omega_{36} \Omega_{16} \Omega_{37}^{-1} \Omega_{34}^{-1}, \\ \int_{3}^{1} = (\Omega_{31}^{-3}) \Omega_{13}^{-1} \Omega_{36} \Omega_{38} \Omega_{16} \Omega_{14}^{-1} \Omega_{33} \Omega_{24}^{-1}. \end{cases}$$

Set 4. (n=3)

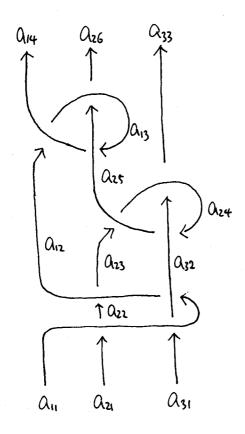


$$\int_{1}^{1} = (\alpha_{11}) \alpha_{14}^{-1} \alpha_{25} \alpha_{31},$$

$$\int_{2}^{1} = (\alpha_{21}) \alpha_{14}^{-1} \alpha_{13} \alpha_{25}^{-1} \alpha_{32} \alpha_{12},$$

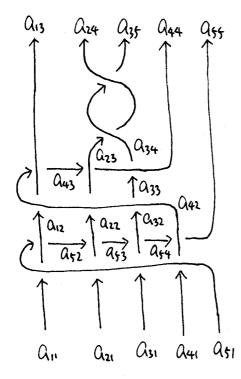
$$\int_{3}^{1} = (1) \alpha_{13} \alpha_{24}.$$

Set 5. (h=3)

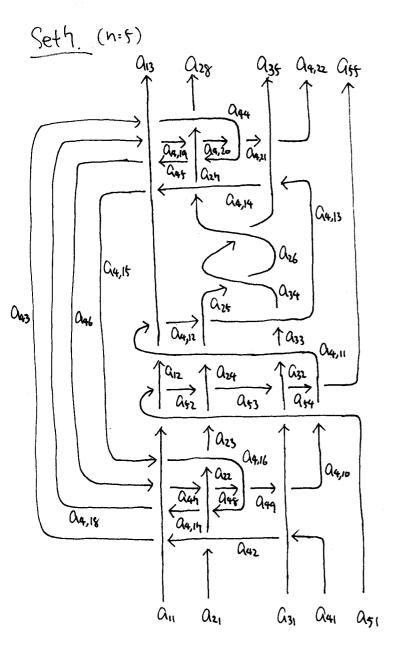


$$\begin{cases} l_1 = (Q_{11}) Q_{32} Q_{14}^{-1} Q_{25}, \\ l_2 = (Q_{21}) Q_{11} Q_{12}^{-1} Q_{25}^{-1} Q_{32} Q_{13}, \\ l_3 = (1) Q_{11} Q_{24}. \end{cases}$$

Set6. (n=5)



$$\begin{cases}
l_1 = (1) \alpha_{51}^{-1} \alpha_{42}^{-1}, \\
l_2 = (1) \alpha_{51}^{-1} \alpha_{42}^{-1} \alpha_{34}^{-1}, \\
l_3 = (1) \alpha_{51}^{-1} \alpha_{42}^{-1} \alpha_{44} \alpha_{24}^{-1}, \\
l_4 = (1) \alpha_{51}^{-1} \alpha_{13}^{-1} \alpha_{23}^{-1}, \\
l_5 = (1) \alpha_{12}^{-1} \alpha_{22}^{-1} \alpha_{32}^{-1} \alpha_{42}^{-1}.
\end{cases}$$



$$\begin{split} & \int_{1} = (1) \Omega_{51}^{-1} \Omega_{4,11}^{-1}, \\ & \int_{2} = (1) \Omega_{62}^{-1} \Omega_{4,16} \Omega_{51}^{-1} \Omega_{4,11} \Omega_{34}^{-1} \Omega_{4,14} \Omega_{64}, \\ & \int_{3} = (1) \Omega_{51}^{-1} \Omega_{4,11} \Omega_{4,13} \Omega_{26}^{-1}, \\ & \int_{4} = (\Omega_{61}^{-2}) \Omega_{51} \Omega_{11} \Omega_{13}^{-1} \Omega_{24} \Omega_{13} \Omega_{11}^{-1} \Omega_{22}^{-1} \Omega_{4,16} \Omega_{31}^{-1}, \\ & \cdot \Omega_{51}^{-1} \Omega_{13}^{-1} \Omega_{25}^{-1} \Omega_{35} \Omega_{13} \Omega_{11}^{-1} \Omega_{22}^{-1} \Omega_{4,16} \Omega_{31}^{-1}, \\ & \int_{5} = (1) \Omega_{12}^{-1} \Omega_{24}^{-1} \Omega_{32}^{-1} \Omega_{4,11}^{-1}. \end{split}$$