

$$\begin{array}{ll}
A_l & \begin{array}{c} \bigcirc - \bigcirc - \cdots - \bigcirc - \bigcirc \\ \alpha_1 \quad \alpha_2 \qquad \qquad \alpha_{l-1} \quad \alpha_l \end{array} & (l+1) \\
B_l & \begin{array}{c} \bigcirc - \bigcirc - \cdots - \bigcirc \Rightarrow \bigcirc \\ \alpha_1 \quad \alpha_2 \qquad \qquad \alpha_{l-1} \quad \alpha_l \end{array} & (2) \\
C_l & \begin{array}{c} \bigcirc - \bigcirc - \cdots - \bigcirc \Leftarrow \bigcirc \\ \alpha_1 \quad \alpha_2 \qquad \qquad \alpha_{l-1} \quad \alpha_l \end{array} & (2) \\
D_l & \begin{array}{c} \qquad \qquad \qquad \bigcirc \\ \qquad \qquad \qquad | \\ \bigcirc - \bigcirc - \cdots - \bigcirc - \bigcirc \\ \alpha_1 \quad \alpha_2 \qquad \qquad \alpha_{l-2} \quad \alpha_{l-1} \end{array} & (4) \\
E_6 & \begin{array}{c} \qquad \qquad \qquad \bigcirc \\ \qquad \qquad \qquad | \\ \bigcirc - \bigcirc - \bigcirc - \bigcirc - \bigcirc \\ \alpha_1 \quad \alpha_2 \quad \alpha_3 \quad \alpha_4 \quad \alpha_5 \end{array} & (3) \\
E_7 & \begin{array}{c} \qquad \qquad \qquad \bigcirc \\ \qquad \qquad \qquad | \\ \bigcirc - \bigcirc - \bigcirc - \bigcirc - \bigcirc - \bigcirc \\ \alpha_1 \quad \alpha_2 \quad \alpha_3 \quad \alpha_4 \quad \alpha_5 \quad \alpha_6 \end{array} & (2) \\
E_8 & \begin{array}{c} \qquad \qquad \qquad \bigcirc \\ \qquad \qquad \qquad | \\ \bigcirc - \bigcirc - \bigcirc - \bigcirc - \bigcirc - \bigcirc - \bigcirc \\ \alpha_1 \quad \alpha_2 \quad \alpha_3 \quad \alpha_4 \quad \alpha_5 \quad \alpha_6 \quad \alpha_7 \end{array} & (1) \\
F_4 & \begin{array}{c} \bigcirc - \bigcirc \Rightarrow \bigcirc - \bigcirc \\ \alpha_1 \quad \alpha_2 \quad \alpha_3 \quad \alpha_4 \end{array} & (1) \\
G_2 & \begin{array}{c} \bigcirc \Rightarrow \bigcirc \\ \alpha_1 \quad \alpha_2 \end{array} &
\end{array}$$

$$\begin{array}{ll}
A_1^{(1)} & \begin{array}{c} \bigcirc \Longleftrightarrow \bigcirc \\ 1 \qquad 1 \end{array} \\
A_l^{(1)} (l \geq 2) & \begin{array}{c} \qquad \qquad \qquad \bigcirc \\ \qquad \qquad \qquad / \quad \backslash \\ \bigcirc - \bigcirc - \cdots - \bigcirc - \bigcirc \\ 1 \qquad 1 \qquad \qquad \qquad 1 \qquad 1 \end{array} \\
B_l^{(1)} (l \geq 3) & \begin{array}{c} \qquad \qquad \qquad \bigcirc \\ \qquad \qquad \qquad | \\ \bigcirc - \bigcirc - \bigcirc - \cdots - \bigcirc \Rightarrow \bigcirc \\ 1 \quad 2 \quad 2 \qquad \qquad 2 \quad 2 \end{array} \\
C_l^{(1)} (l \geq 2) & \begin{array}{c} \bigcirc \Rightarrow \bigcirc - \cdots - \bigcirc \Leftarrow \bigcirc \\ 1 \quad 2 \qquad \qquad \qquad 2 \quad 1 \end{array} \\
D_l^{(1)} (l \geq 4) & \begin{array}{c} \qquad \qquad \qquad \bigcirc \\ \qquad \qquad \qquad | \\ \bigcirc - \bigcirc - \bigcirc - \cdots - \bigcirc - \bigcirc \\ 1 \quad 2 \quad 2 \qquad \qquad 2 \quad 1 \end{array} \\
G_2^{(1)} & \begin{array}{c} \bigcirc - \bigcirc \Rightarrow \bigcirc \\ 1 \quad 2 \quad 3 \end{array} \\
F_4^{(1)} & \begin{array}{c} \bigcirc - \bigcirc - \bigcirc \Rightarrow \bigcirc - \bigcirc \\ 1 \quad 2 \quad 3 \quad 4 \quad 2 \end{array} \\
E_6^{(1)} & \begin{array}{c} \qquad \qquad \qquad \bigcirc \\ \qquad \qquad \qquad | \\ \bigcirc - \bigcirc - \bigcirc - \bigcirc - \bigcirc \\ 1 \quad 2 \quad 3 \quad 2 \quad 1 \end{array} \\
E_7^{(1)} & \begin{array}{c} \qquad \qquad \qquad \bigcirc \\ \qquad \qquad \qquad | \\ \bigcirc - \bigcirc - \bigcirc - \bigcirc - \bigcirc - \bigcirc - \bigcirc \\ 1 \quad 2 \quad 3 \quad 4 \quad 3 \quad 2 \quad 1 \end{array} \\
E_8^{(1)} & \begin{array}{c} \qquad \qquad \qquad \bigcirc \\ \qquad \qquad \qquad | \\ \bigcirc - \bigcirc - \bigcirc - \bigcirc - \bigcirc - \bigcirc - \bigcirc - \bigcirc \\ 1 \quad 2 \quad 3 \quad 4 \quad 5 \quad 6 \quad 4 \quad 2 \end{array}
\end{array}$$

$$\begin{array}{ll}
A_2^{(2)} & \begin{array}{c} 2 \qquad 1 \\ \bigcirc \Leftarrow \bigcirc \\ \alpha_0 \quad \alpha_1 \end{array} \\
A_{2l}^{(2)} (l \geq 2) & \begin{array}{c} 2 \qquad 2 \qquad \cdots \qquad 2 \qquad 1 \\ \bigcirc \Leftarrow \bigcirc - \cdots - \bigcirc - \bigcirc \\ \alpha_0 \quad \alpha_1 \qquad \qquad \alpha_{l-1} \quad \alpha_l \end{array} \\
A_{2l-1}^{(2)} (l \geq 3) & \begin{array}{c} \qquad \qquad \qquad \bigcirc \\ \qquad \qquad \qquad | \\ 1 \qquad \alpha_0 \quad 2 \qquad 2 \qquad \cdots \qquad 2 \qquad 1 \\ \bigcirc - \bigcirc - \bigcirc - \bigcirc - \cdots - \bigcirc \Leftarrow \bigcirc \\ \alpha_1 \quad \alpha_2 \quad \alpha_3 \qquad \qquad \alpha_{l-1} \quad \alpha_l \end{array} \\
D_{l+1}^{(2)} (l \geq 2) & \begin{array}{c} 1 \qquad 1 \qquad \cdots \qquad 1 \qquad 1 \\ \bigcirc \Leftarrow \bigcirc - \cdots - \bigcirc \Rightarrow \bigcirc \\ \alpha_1 \quad \alpha_1 \qquad \qquad \alpha_{l-1} \quad \alpha_l \end{array} \\
E_6^{(2)} & \begin{array}{c} 1 \qquad 2 \qquad 3 \qquad 2 \qquad 1 \\ \bigcirc - \bigcirc - \bigcirc \Leftarrow \bigcirc - \bigcirc \\ \alpha_0 \quad \alpha_1 \quad \alpha_2 \quad \alpha_3 \quad \alpha_4 \end{array}
\end{array}$$

$$D_4^{(3)} \qquad \begin{array}{c} 1 \qquad 2 \qquad 1 \\ \bigcirc - \bigcirc \Leftarrow \bigcirc \\ \alpha_0 \quad \alpha_1 \quad \alpha_2 \end{array}$$