$$e_{1} - e_{2} \qquad e_{n} - e_{n+1} \qquad e_{1} - e_{2} \qquad e_{n-1} - e_{n}$$

$$\mathfrak{sl}(n+1,\mathbb{C}) \mapsto A_{n} \qquad \mathfrak{so}(2n+1,\mathbb{C}) \mapsto B_{n} \qquad e_{n}$$

$$e_{1} - e_{2} \qquad e_{n-1} - e_{n}$$

$$\mathfrak{sp}(2n,\mathbb{C}) \mapsto C_{n} \qquad e_{1} - e_{2} \qquad e_{1} - e_{2}$$

$$\mathfrak{so}(2n,\mathbb{C}) \mapsto D_{n} \qquad e_{n-1} + e_{n}$$