$$A_{1} \xrightarrow{-\sqrt{2}} 0 \sqrt{2}$$

$$A_{2} \xrightarrow{-\sqrt{\frac{3}{2}} - \sqrt{\frac{1}{2}}} \sqrt{\frac{1}{2}} \sqrt{\frac{3}{2}}$$

$$A_{3} \xrightarrow{-\sqrt{\frac{4}{3}}\sqrt{\frac{2}{3}}} \sqrt{\frac{2}{3}} \sqrt{\frac{4}{3}}$$

$$A_{4} \xrightarrow{-()} ()$$