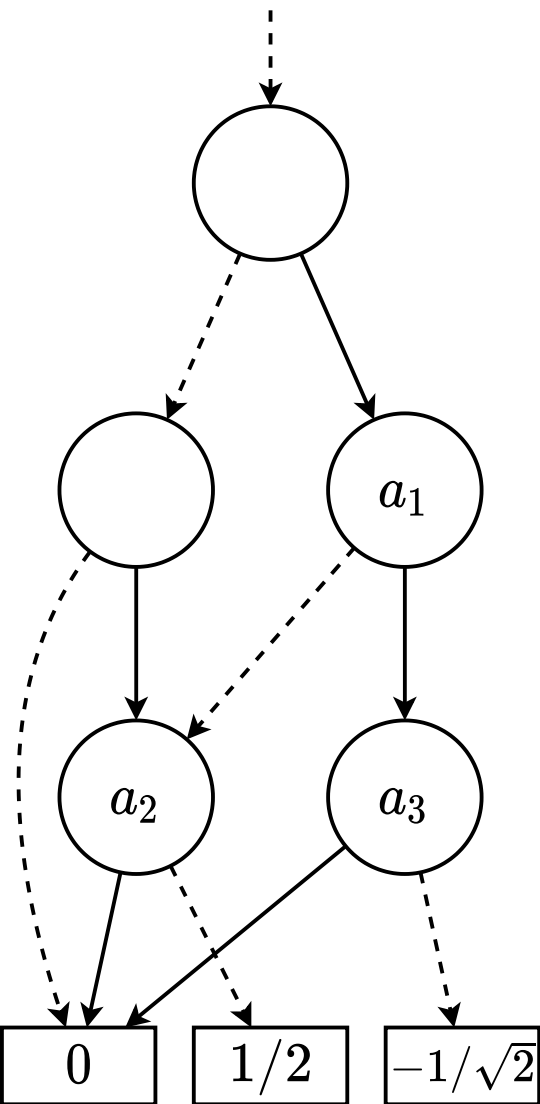


State vector

$$|\phi\rangle = \left[0 \ 0 \ \frac{1}{2} \ 0 \ \frac{1}{2} \ 0 \ \frac{-1}{\sqrt{2}} \ 0 \right]^\top$$

Algebraic Decision Diagram



Quantum Multi-valued Decision Diagram

