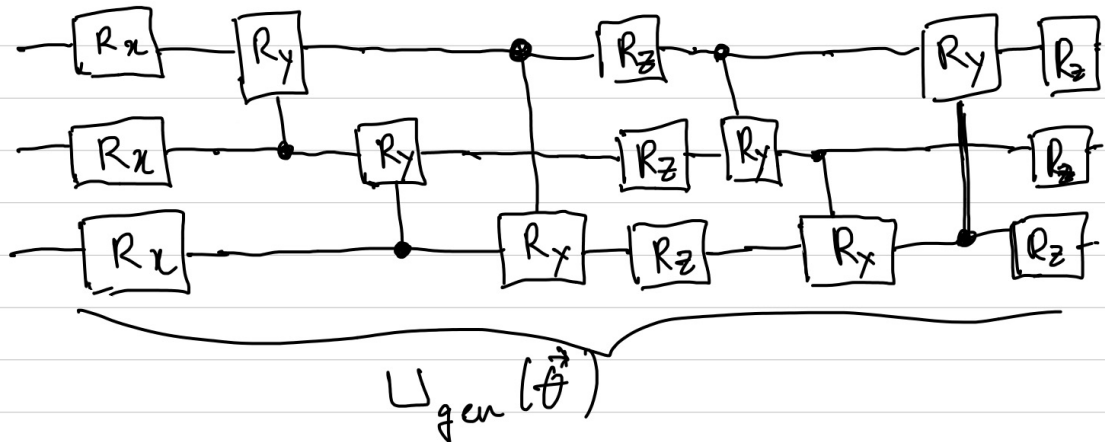


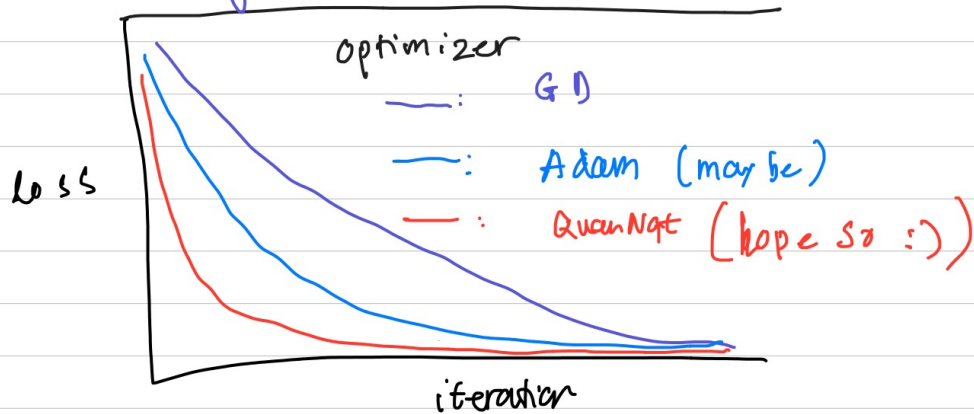
let consider Koczor ansatz



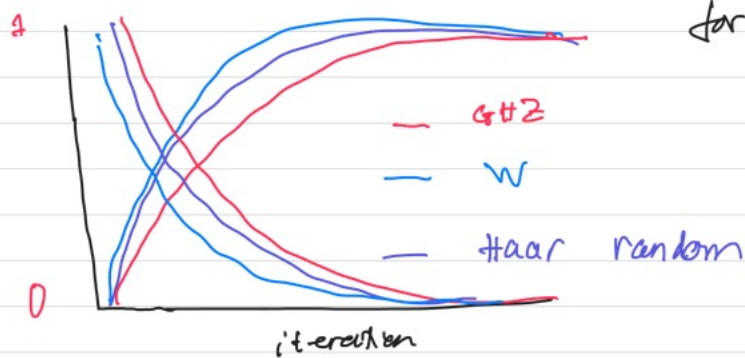
• consider $|U_{\text{target}}\rangle = G|\mathbb{Z}\rangle$



Fig 1

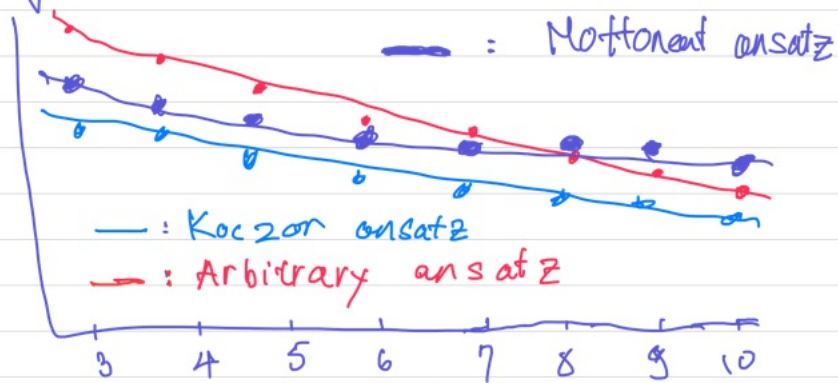


* Fig 2: plot of trace-distance and fidelity for GtZ



* in this figure let's fix the best optimizer and change target state

* Fig 3. / the same as Fig. 2



let plot these 3 figures first.