

Squantikz squimports

Saverio Monaco

September 22, 2025

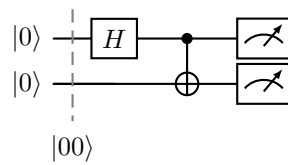
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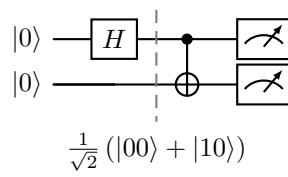
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1 Commands

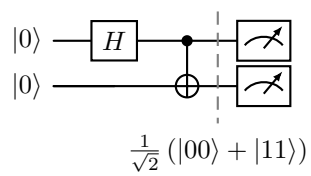
bellcircuit1



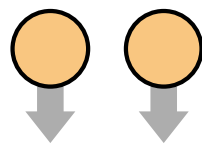
bellcircuit2



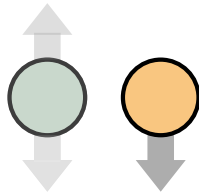
bellcircuit3



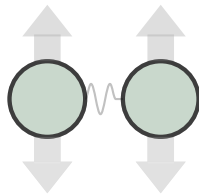
bellspins1



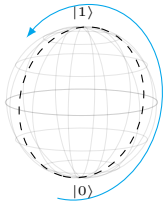
bellspins2



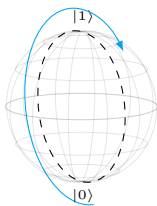
bellspins3



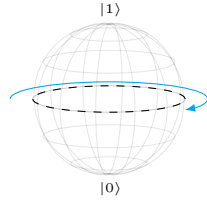
blochRX



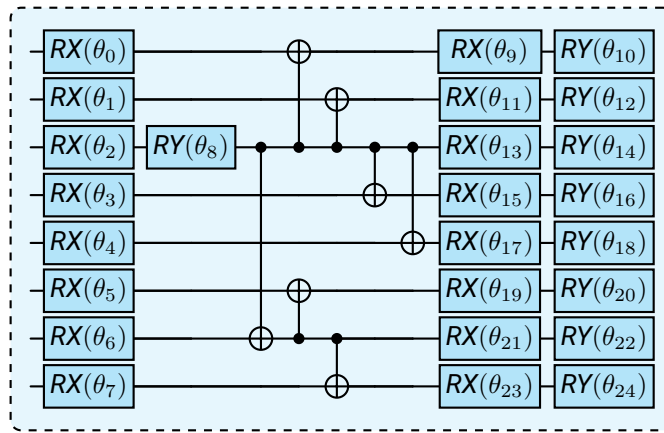
blochRY



blochRZ



clic8



gateRX

$$\boxed{RX(\theta)} \equiv \begin{pmatrix} \cos\left(\frac{\theta}{2}\right) & -i \sin\left(\frac{\theta}{2}\right) \\ -i \sin\left(\frac{\theta}{2}\right) & \cos\left(\frac{\theta}{2}\right) \end{pmatrix}$$

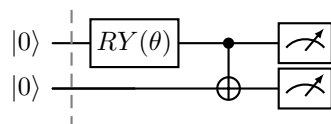
gateRY

$$\boxed{RY(\theta)} \equiv \begin{pmatrix} +\cos\left(\frac{\theta}{2}\right) & -\sin\left(\frac{\theta}{2}\right) \\ -\sin\left(\frac{\theta}{2}\right) & +\cos\left(\frac{\theta}{2}\right) \end{pmatrix}$$

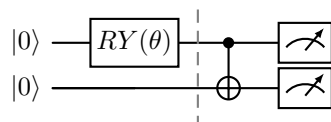
gateRz

$$\boxed{RZ(\theta)} \equiv \begin{pmatrix} e^{-i\theta/2} & 0 \\ 0 & e^{+i\theta/2} \end{pmatrix}$$

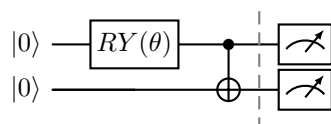
pbellcircuit1



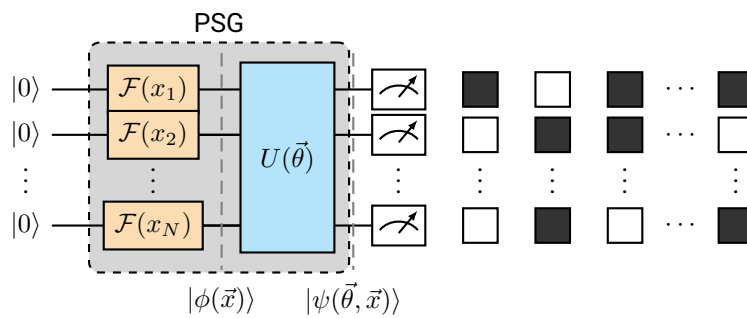
pbellcircuit2



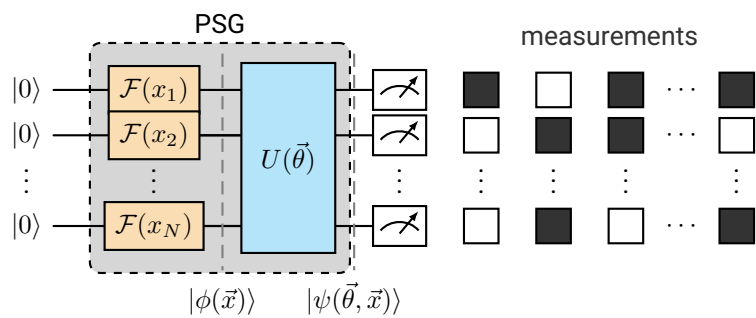
pbellcircuit3



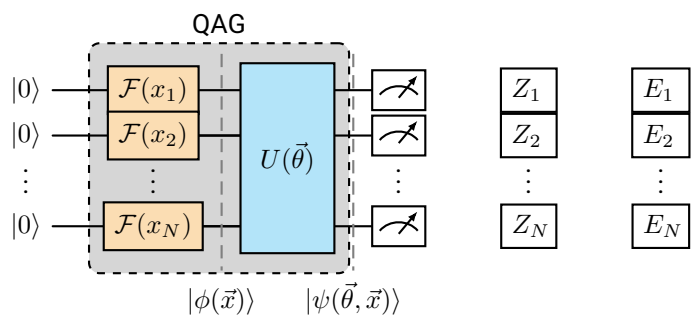
psg



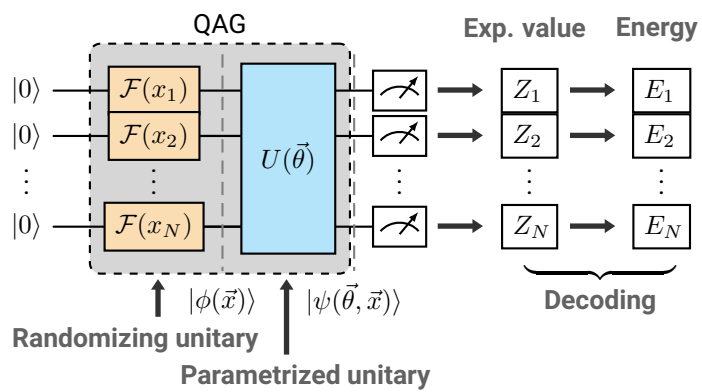
psg_model



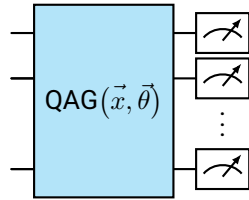
qag



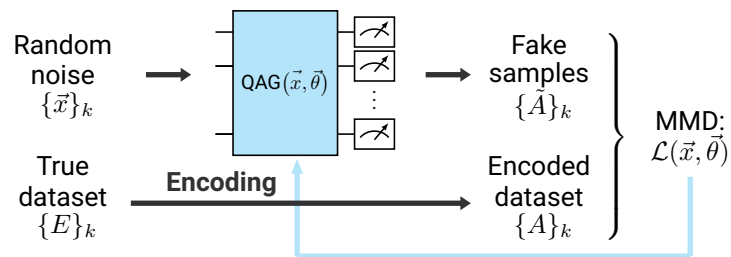
qag_model



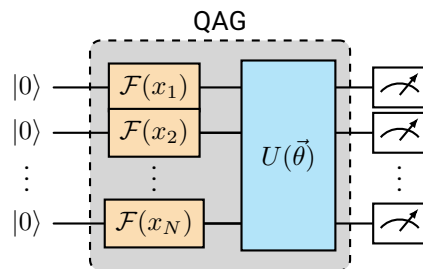
qag_small



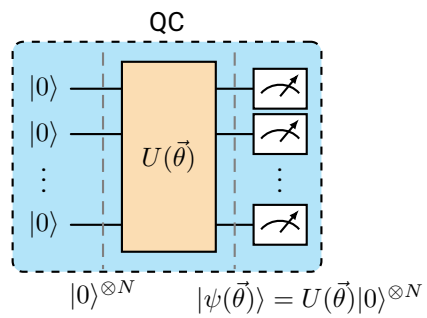
qag_train



qagalt



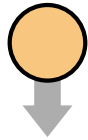
qc



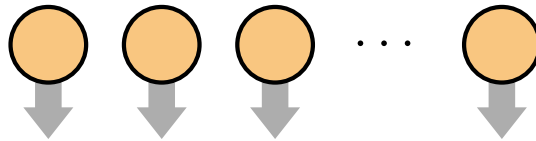
spin



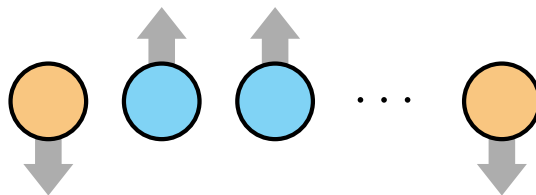
spindown



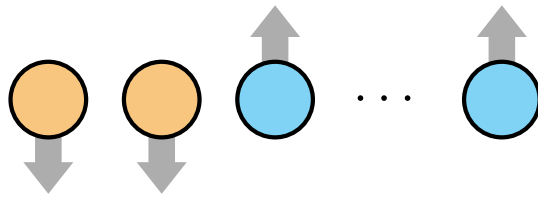
spindowns



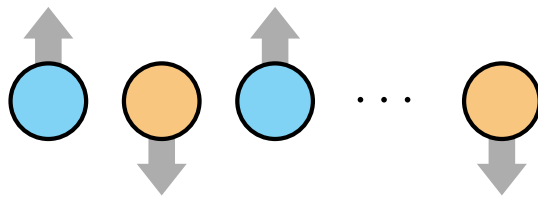
spinrand



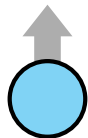
spinrandalt



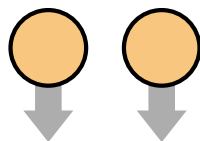
spinrandaltalt



spinup



twospinsdown



twospinsup

