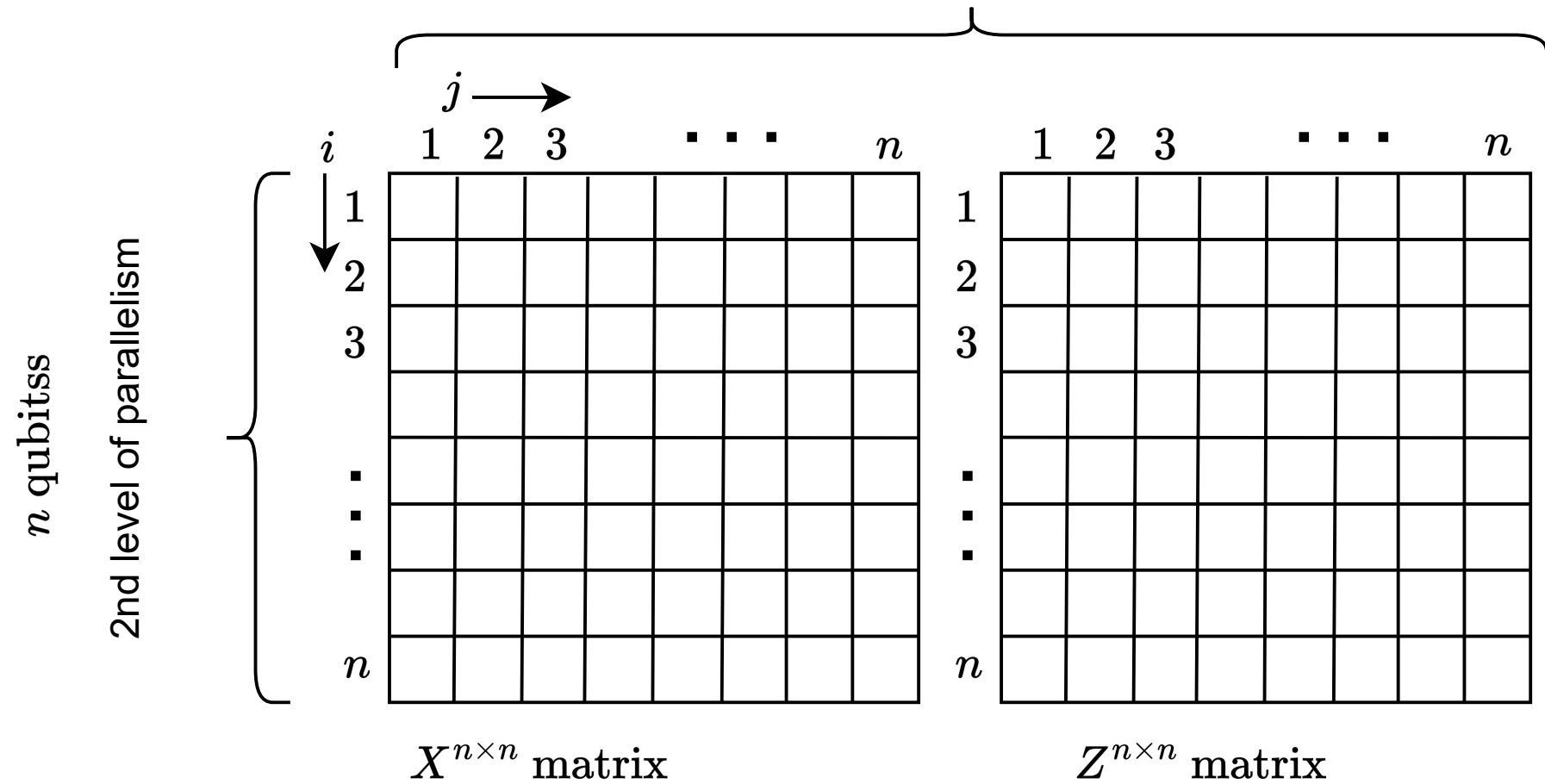
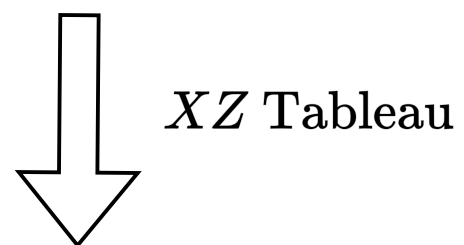


Procedure $\text{parallelSimulation}(\mathcal{P}^d, |x_n\rangle)$:
forall $W^p \in \{\mathcal{P}^p \mid p \in [d]\}$ **do**
 foreach $C^p \in W^p$ **do in parallel**
 $\text{updateTableau}(C^p, |x_n\rangle)$



Procedure $\text{updateTableau}(C^p)$:
foreach $i \in X^{n \times n} \cup Z^{n \times n}$ **do in parallel**
 $\text{applyOperator}(C^p, i)$