a) $\texttt{isconverged}(\widetilde{\mathcal{T}}^{(\cdot)}) = \begin{cases} \chi < \chi_{\text{patch}} \wedge \ \|\mathcal{T}^{(\cdot)} - \widetilde{\mathcal{T}}^{(\cdot)}\|_{\infty} < \varepsilon & \texttt{true} \\ \text{otherwise} & \texttt{false} \end{cases}$ false $ext{results} = \{\widetilde{\mathcal{T}}^{(\cdot)} | ext{isconverged}(\widetilde{\mathcal{T}}^{(\cdot)}) = ext{true} \}$ $\texttt{tasks} = \bigr\{\widetilde{\mathcal{T}}^{(\cdot)} \big| \texttt{isconverged}(\widetilde{\mathcal{T}}^{(\cdot)}) \texttt{ = false}\bigr\}$ $\underbrace{\begin{array}{c} T_1 & P_1^{-1} & \widetilde{\mathcal{T}}_{\sigma} & P_{\mathcal{L}-1}^{-1} & T_{\mathcal{L}} \\ *_{i_0} & j_2 & i_1 & \cdots & j_{\mathcal{L}} & i_{\mathcal{L}-1} & j_{\mathcal{L}+1} \end{array}}_{\mathcal{I}_{\mathcal{L}}}$ $\sigma_1 \ \sigma_2$ $rac{ extsf{false}}{ extsf{}}$ isconverged($\widetilde{\mathcal{T}}$) $igstar{\mathcal{T}}_{oldsymbol{\sigma}} o \mathtt{results}$ $\forall p_{\bar{\ell}} \in \{1, \dots, d_{\bar{\ell}}\}$ $\sigma_1 \quad \sigma_2 \quad \sigma_{\bar{\ell}} \quad \sigma_{\bar{\ell}+1} \dots \sigma_{\mathcal{L}}$ (Q)TCI $\widetilde{\mathcal{T}}^{p_1,...,1}$ \cdots $\overline{\downarrow}_{i_{\overline{\ell}}}$ $\overline{\downarrow}_{j_{\overline{\ell}+2}}$ $\overline{\downarrow}_{i_{\overline{\ell}+1}}$ $\overline{\downarrow}$ \cdots $\overline{\downarrow}_{j_{\mathcal{L}}}$ $\widetilde{\mathcal{T}}^{p_1,\ldots,2}$ ightharpoonup isconverged($\widetilde{\mathcal{T}}^{p_1,...,p_{ar{\ell}}}$) $\widetilde{\mathcal{T}}^{p_1,...,d_{\overline{\ell}}}$ I $j_{\mathcal{L}}$ $i_{\mathcal{L}-1}$ I $j_{\mathcal{L}+1}$ $\sigma_{ar{\ell}+2}$ $\sigma_{\mathcal{L}-1}$