Chap 5

Thursday, April 2, 2020 4:07 PM

Choose
$$\dim(H_R) = \dim(H_R) = d$$

$$|\Gamma\rangle_{RA} = \frac{1}{|\mathcal{A}|} \sum_{i=0}^{d-1} (i)_{R} (i)_{A}$$

Nts

$$|\nabla_{R} \left[(I_R \otimes J_{PA}) (\Gamma)_{RA} (\Gamma |_{RA} (I_R \otimes J_{PA})) \right] = p_{A}$$

$$|\Pi|_{RA} = \frac{1}{|\mathcal{A}|} \nabla_{R} \left[\sum_{i,j=0}^{d-1} I_{i}_{R} \otimes J_{PA} (i)_{A} (j)_{R} \otimes (j|_{A} J_{PA}) \right]$$

$$= \frac{1}{|\mathcal{A}|} \sum_{i,j=0}^{d-1} \langle j|_{R} \otimes J_{PA} |_{RA} J_{PA} = \int_{A} \int$$