

$$\begin{aligned}\phi(s_h^c, a_1) &= e_c \\ \phi(s_h^c, a_2) &= e_{c+\hat{d}} \\ \phi(s_h^{\hat{d}+1}, a) &= (e_1 + e_2 + \dots + e_{\hat{d}})/\hat{d}^{1/2}\end{aligned}$$

