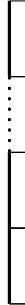


$H^{(1,1)}$  $H^{(1,2)}$  $\phi_{n+1}^{(1,1)}$  $\phi_n^{(1,1)}$  $\vdots$  $\phi_3^{(1,1)}$  $\phi_2^{(1,1)}$  $\phi_1^{(1,1)}$  $\phi_0^{(1,1)}$  $E_2^{(1)}$  $E_1^{(1)}$  $E_0^{(1)} = 0$  $A_{(1)}^\dagger$  $A_{(1)}$  $\phi_{n+1}^{(1,2)}$  $\phi_n^{(1,2)}$  $\vdots$  $\phi_3^{(1,2)}$  $\phi_2^{(1,2)}$  $\phi_1^{(1,2)}$  $E_2^{(1)}$  $E_1^{(1)}$