

$$\rho_{\downarrow E, \downarrow E}$$

$$\rho_{\downarrow E, \uparrow E}$$

$$\rho_{\downarrow E, \downarrow L}$$

$$\rho_{\downarrow E, \uparrow L}$$

$$\rho_{\uparrow E, \downarrow E}$$

$$\rho_{\uparrow E, \uparrow E}$$

$$\rho_{\uparrow E, \downarrow L}$$

$$\rho_{\uparrow E, \uparrow L}$$

$$\rho_{\downarrow L, \downarrow E}$$

$$\rho_{\downarrow L, \uparrow E}$$

$$\rho_{\downarrow L, \downarrow L}$$

$$\rho_{\downarrow L, \uparrow L}$$

$$\rho_{\uparrow L, \downarrow E}$$

$$\rho_{\uparrow L, \uparrow E}$$

$$\rho_{\uparrow L, \downarrow L}$$

$$\rho_{\uparrow L, \uparrow L}$$