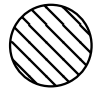
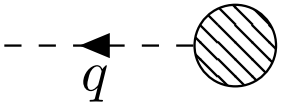
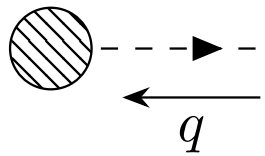
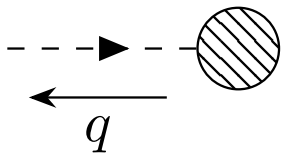
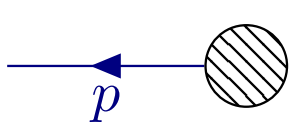
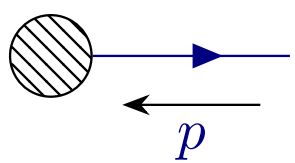
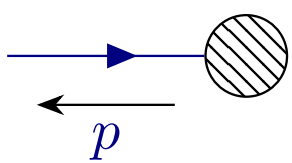
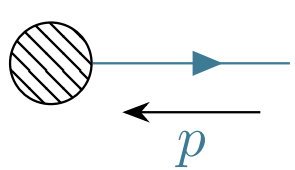
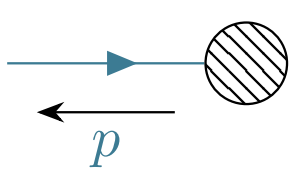
$\overbrace{\Phi|\mathbf{q},\Phi,a\rangle} =$  $= 1,$ $\langle \mathbf{q},\Phi,a|\overbrace{\Phi^\dagger} =$  $= 1,$

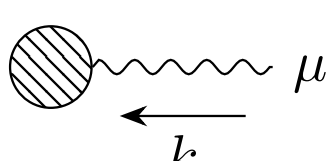
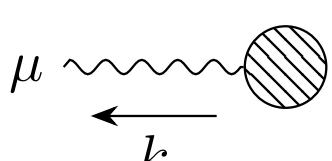
$\overbrace{\Phi^\dagger|\mathbf{q},\Phi,b\rangle} =$  $= 1,$ $\langle \mathbf{q},\Phi,b|\overbrace{\Phi} =$  $= 1,$

$\overbrace{\psi|\mathbf{p},\psi,a^s\rangle} =$  $= u^s_\psi(p),$ $\langle \mathbf{p},\psi,a^s|\overbrace{\overline{\psi}} =$  $= \overline{u}^s_\psi(p),$

$\overbrace{\overline{\psi}|\mathbf{p},\psi,b^s\rangle} =$  $= \overline{v}^s_\psi(p),$ $\langle \mathbf{p},\psi,b^s|\overbrace{\psi} =$  $= v^s_\psi(p),$

$\overbrace{\chi|\mathbf{p},\chi,a^s\rangle} =$  $= u^s_\chi(p),$ $\langle \mathbf{p},\chi,a^s|\overbrace{\overline{\chi}} =$  $= \overline{u}^s_\chi(p),$

$\overbrace{\overline{\chi}|\mathbf{p},\chi,b^s\rangle} =$  $= \overline{v}^s_\chi(p),$ $\langle \mathbf{p},\chi,b^s|\overbrace{\chi} =$  $= v^s_\chi(p),$

$\overbrace{A_\mu|\mathbf{k},A\rangle} =$  $= \epsilon_\mu(k),$ $\langle \mathbf{q},A|\overbrace{A_\mu} =$  $= \epsilon^*_\mu(k).$