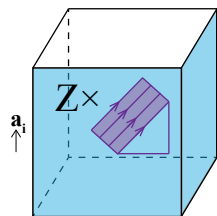
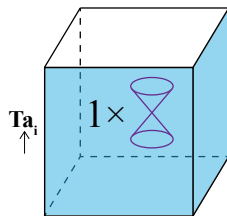


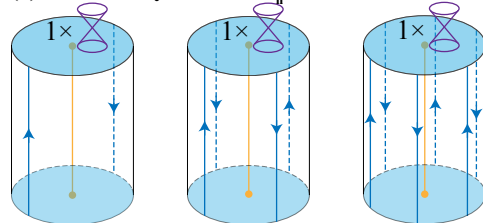
(1) unitary translation



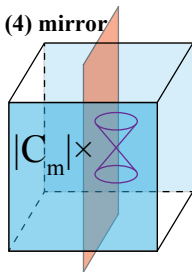
(2) anti-unitary translation



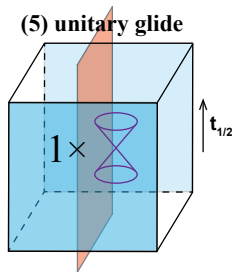
(3) anti-unitary rotation $C_n T$, $n=2,4,6$



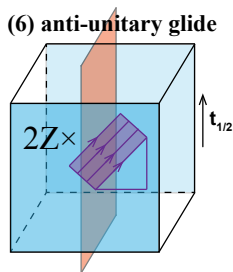
(4) mirror



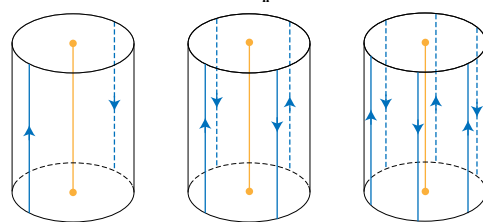
(5) unitary glide



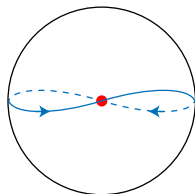
(6) anti-unitary glide



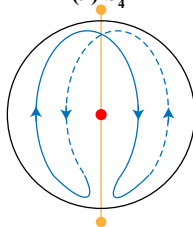
(7) anti-unitary screw $\{C_n | t\} T$, $n=2,4,6$



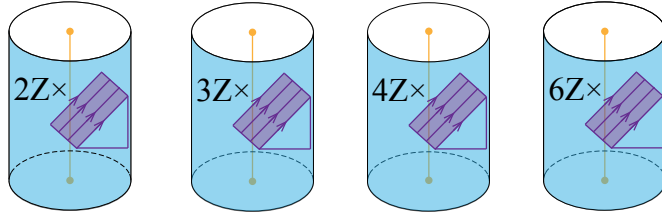
(8) inversion



(9) S_4



(10) unitary screw $\{C_n | t_{1/n}\}$, $n=2,3,4,6$



inversion/ S_4 center:

rotation/screw axis:

mirror/glide plane:

chiral hinge mode:

2D surface mode: