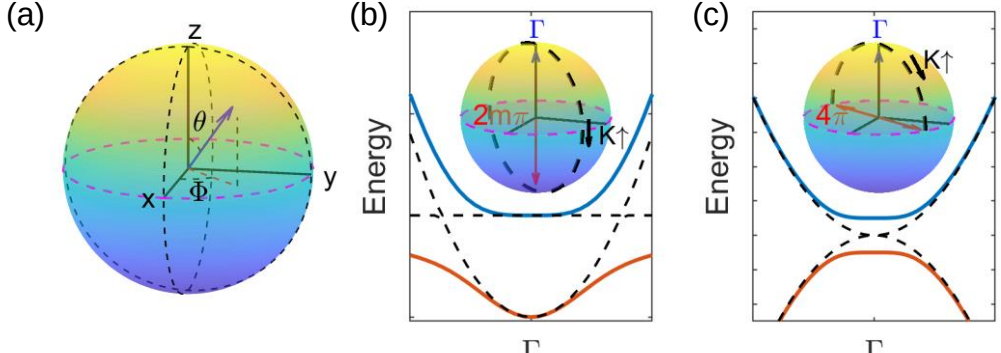
(a)
z
θ
y
x
Φ
(b)
Γ
2mπ
K↑
Energy
Γ
(c)
Γ
K↑
4π
Energy
Γ