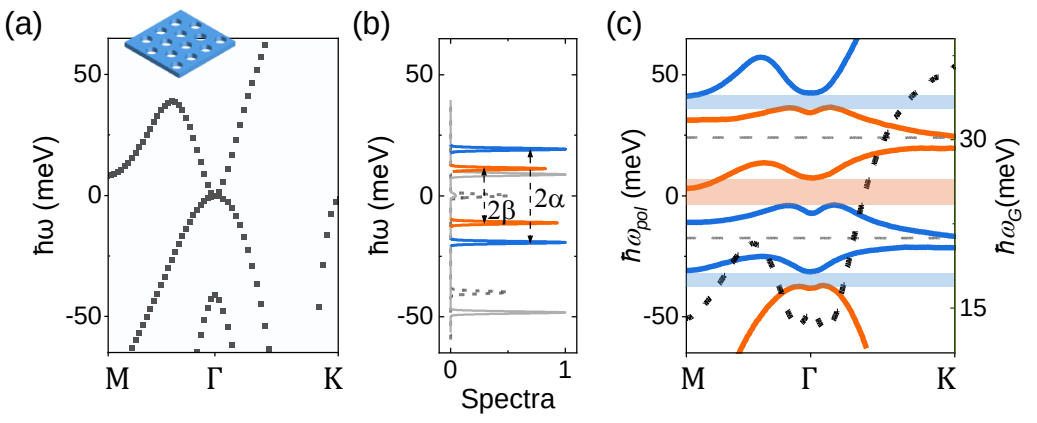
(a)
(b)
(c)
ħω (meV)
50
0
-50
M
Γ
K
2β
2α
0
1
Spectra
$\hbar\omega_{pol}$ (meV)
$\hbar\omega_G$(meV)
30
15