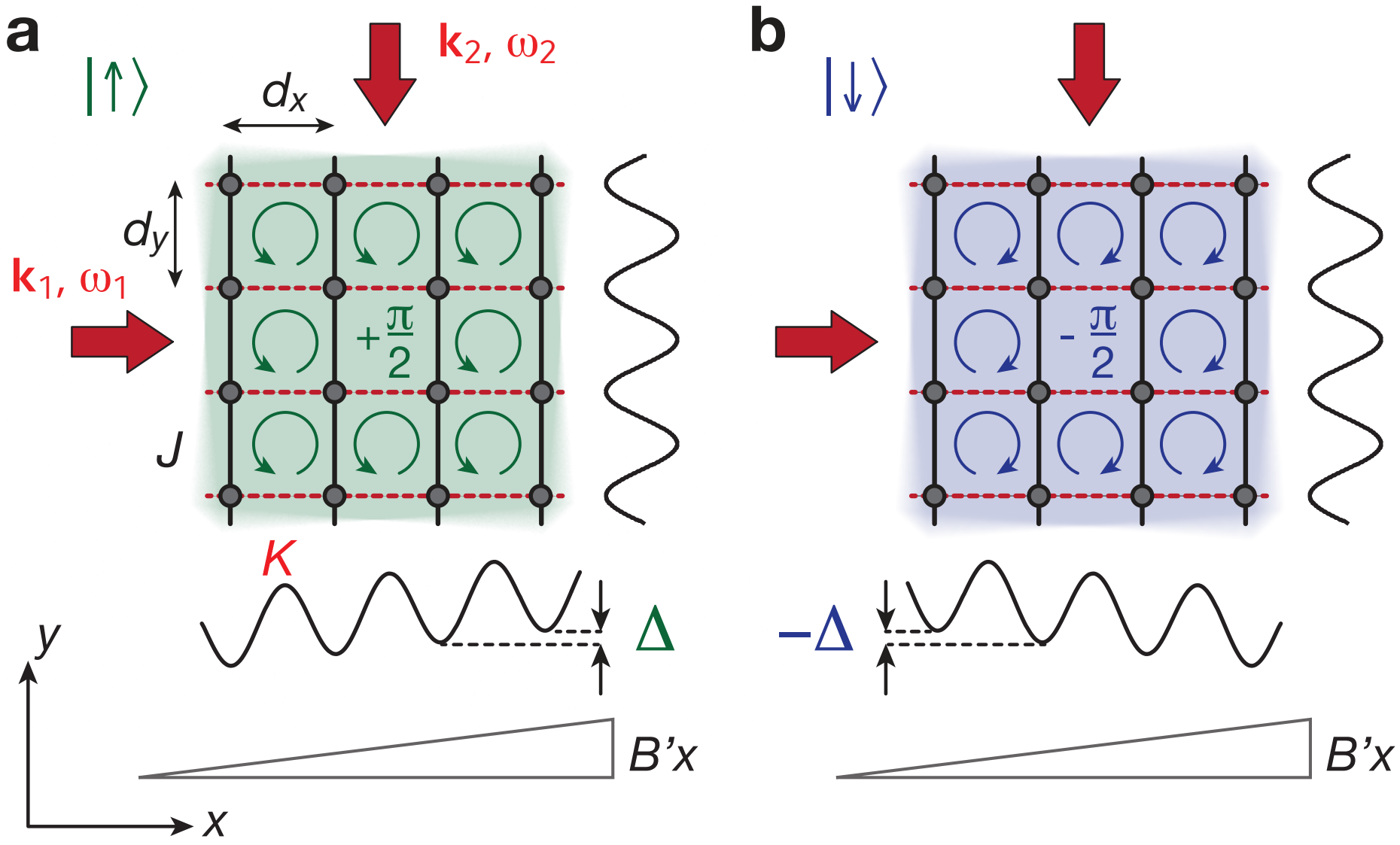
a
|↑⟩
d_x
$\mathbf{k}_2, \omega_2$
d_y
$\mathbf{k}_1, \omega_1$
$+\frac{\pi}{2}$
J
K
Δ
y
x
B'x
b
|↓⟩
$-\frac{\pi}{2}$
−Δ
B'x