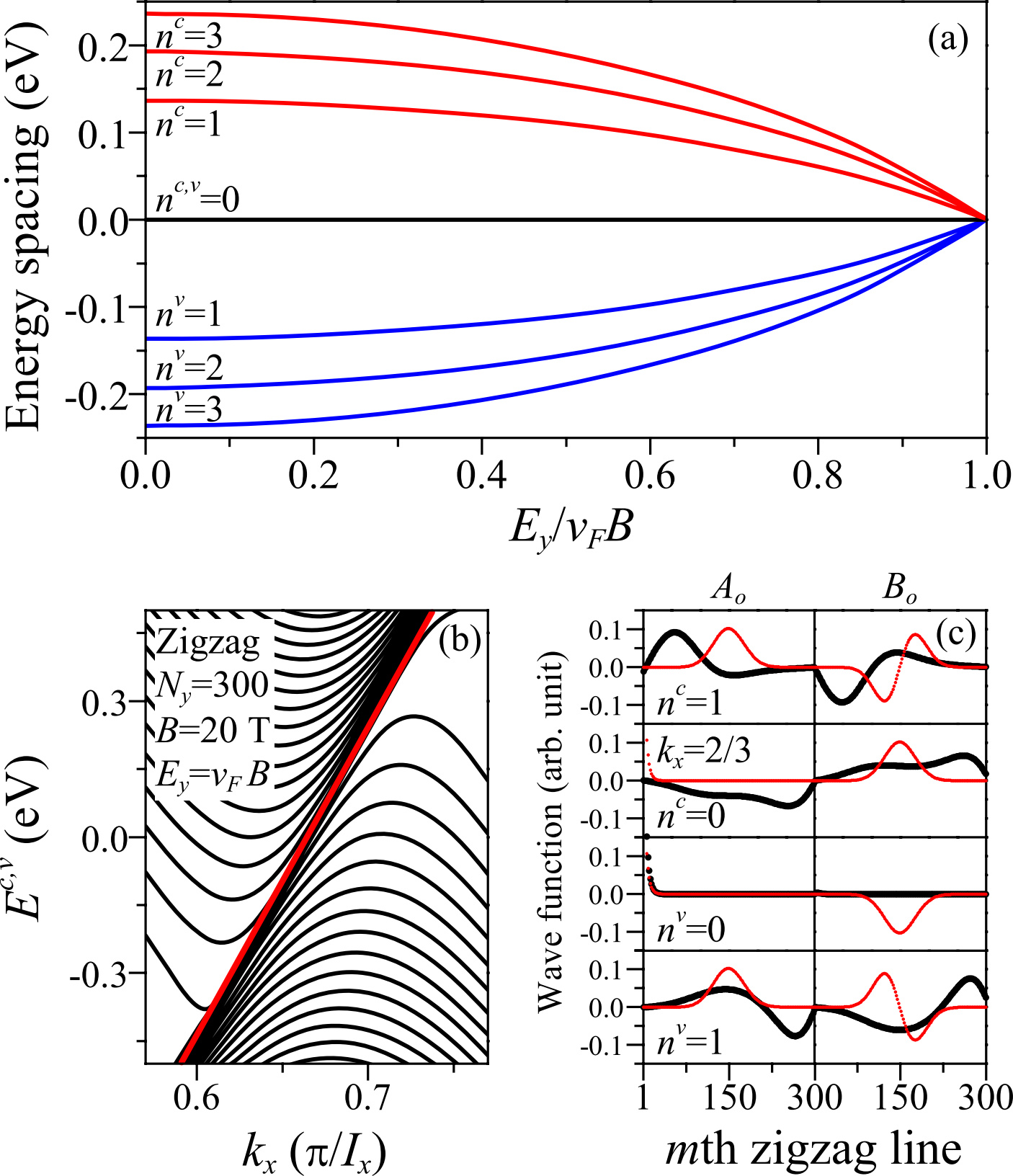
(a)
Energy spacing (eV)
n^c=3
n^c=2
n^c=1
$n^{c,v}$=0
n^v=1
n^v=2
n^v=3
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
$E_y/v_F B$
(b)
Zigzag
N_y=300
B=20 T
E_y=$v_F B$
$E^{c,v}$ (eV)
0.3
0.0
-0.3
0.6
0.7
k_x (π/I_x)
(c)
A_o
B_o
Wave function (arb. unit)
n^c=1
k_x=2/3
n^c=0
n^v=0
n^v=1
0.1
0.0
-0.1
1
150
300
150
300
mth zigzag line