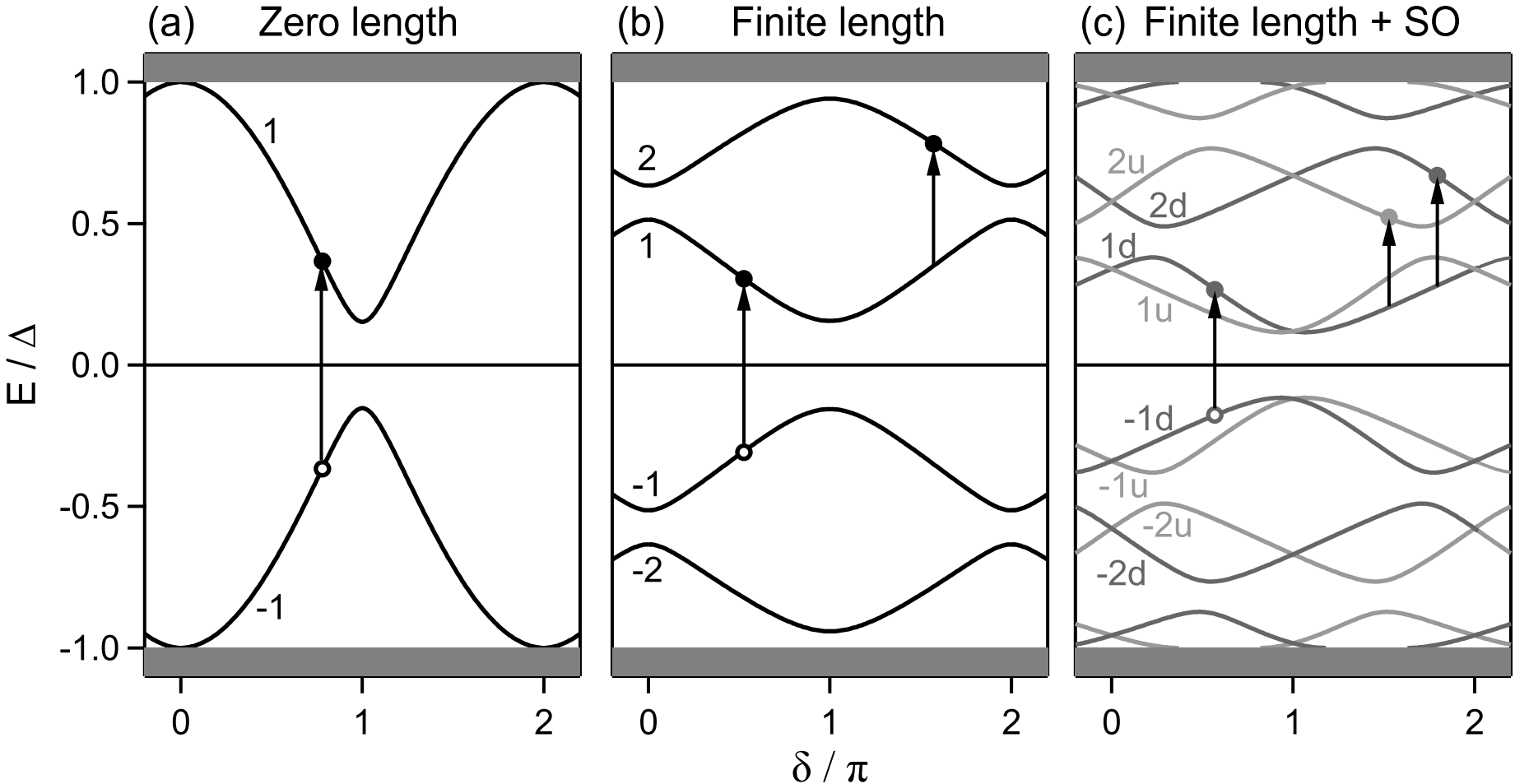
(a) Zero length
(b) Finite length
(c) Finite length + SO
E / Δ
δ / π
1.0
0.5
0.0
-0.5
-1.0
0
1
2
1
-1
2
1
-1
-2
2u
2d
1d
1u
-1d
-1u
-2u
-2d