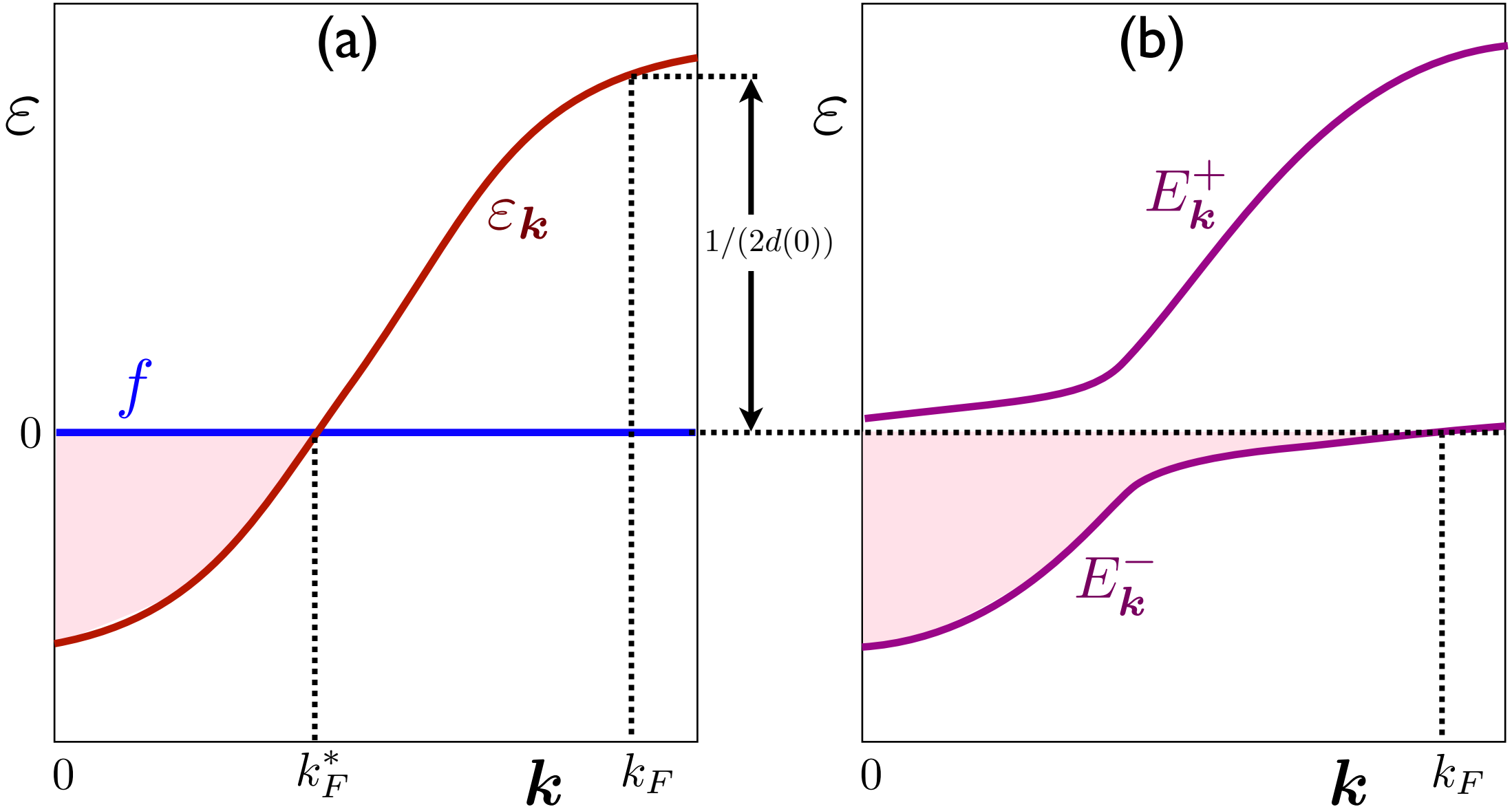
(a)
ε
$\varepsilon_{\boldsymbol{k}}$
f
0
$1/(2d(0))$
0
k_F^*
$\boldsymbol{k}$
k_F
(b)
ε
$E_{\boldsymbol{k}}^+$
$E_{\boldsymbol{k}}^-$
0
$\boldsymbol{k}$
k_F