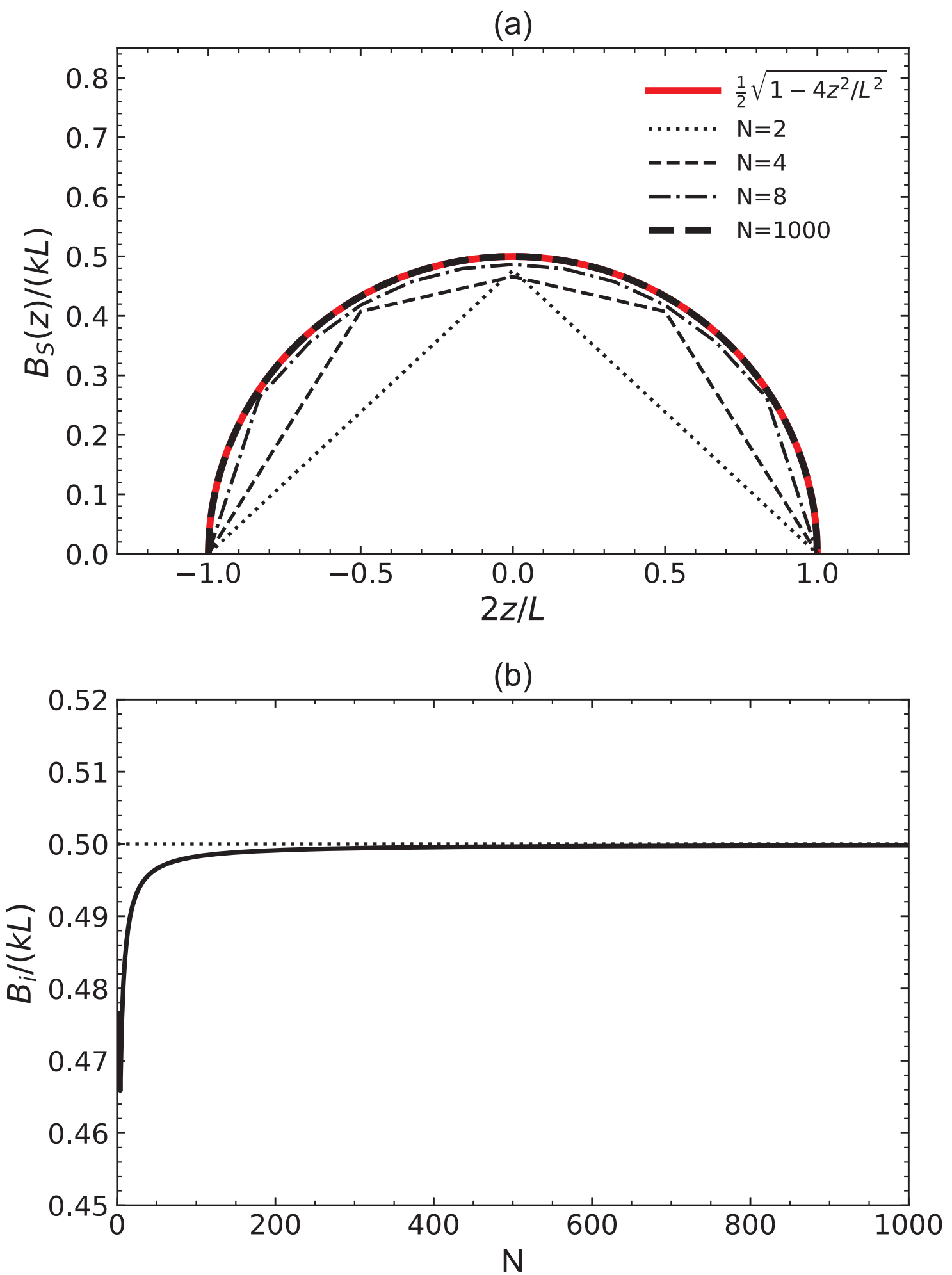
(a)
$\frac{1}{2}\sqrt{1-4z^2/L^2}$
N=2
N=4
N=8
N=1000
$B_S(z)/(kL)$
$2z/L$
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
−1.0
−0.5
0.0
0.5
1.0
(b)
$B_i/(kL)$
N
0.45
0.46
0.47
0.48
0.49
0.50
0.51
0.52
0
200
400
600
800
1000