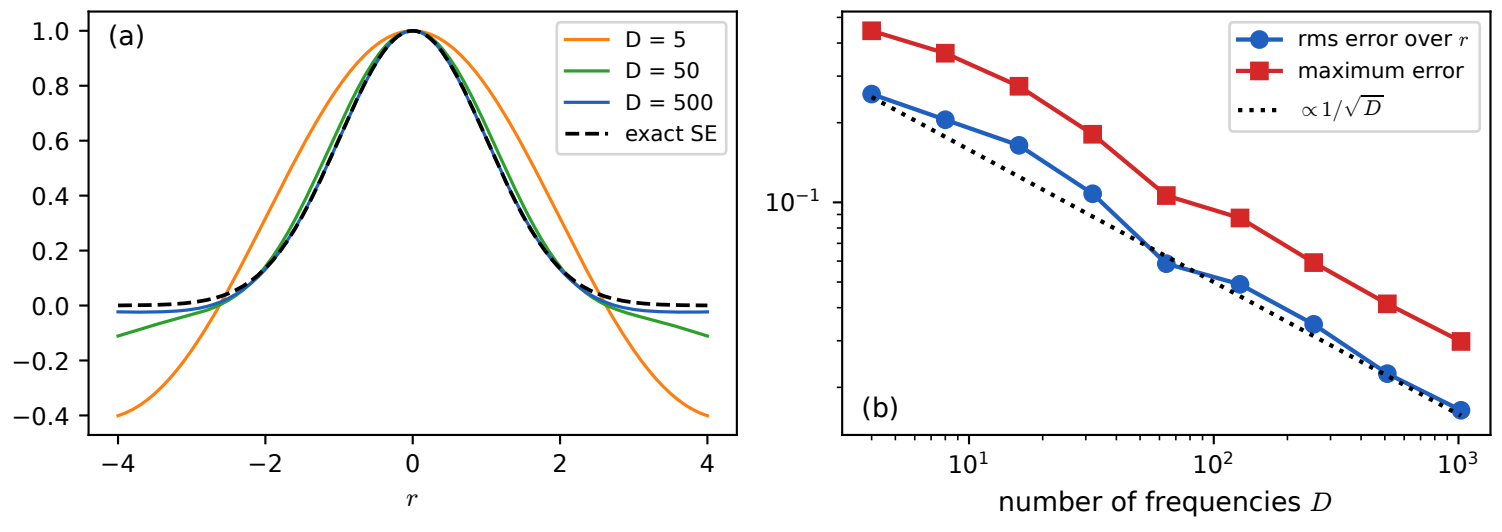

(a)
D = 5
D = 50
D = 500
exact SE
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−4
−2
0
2
4
r
rms error over r
maximum error
∝1/√D
10^−1
(b)
10^1
10^2
10^3
number of frequencies D