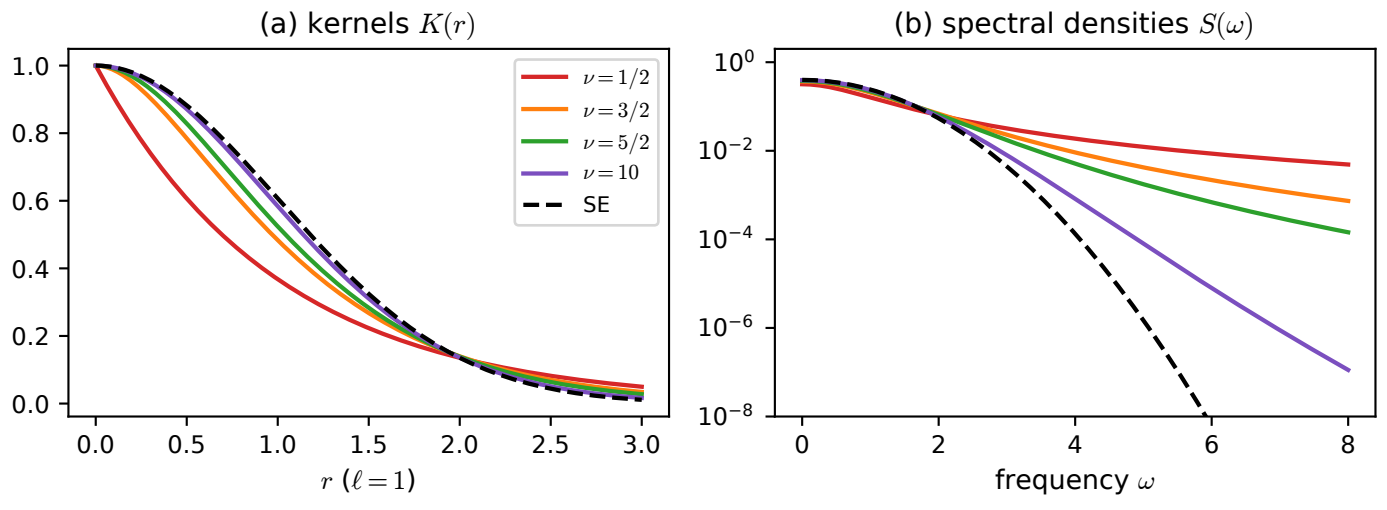

(a) kernels $K(r)$
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
r ($\ell = 1$)
$\nu = 1/2$
$\nu = 3/2$
$\nu = 5/2$
$\nu = 10$
SE
(b) spectral densities $S(\omega)$
10^{0}
10^{-2}
10^{-4}
10^{-6}
10^{-8}
0
2
4
6
8
frequency ω