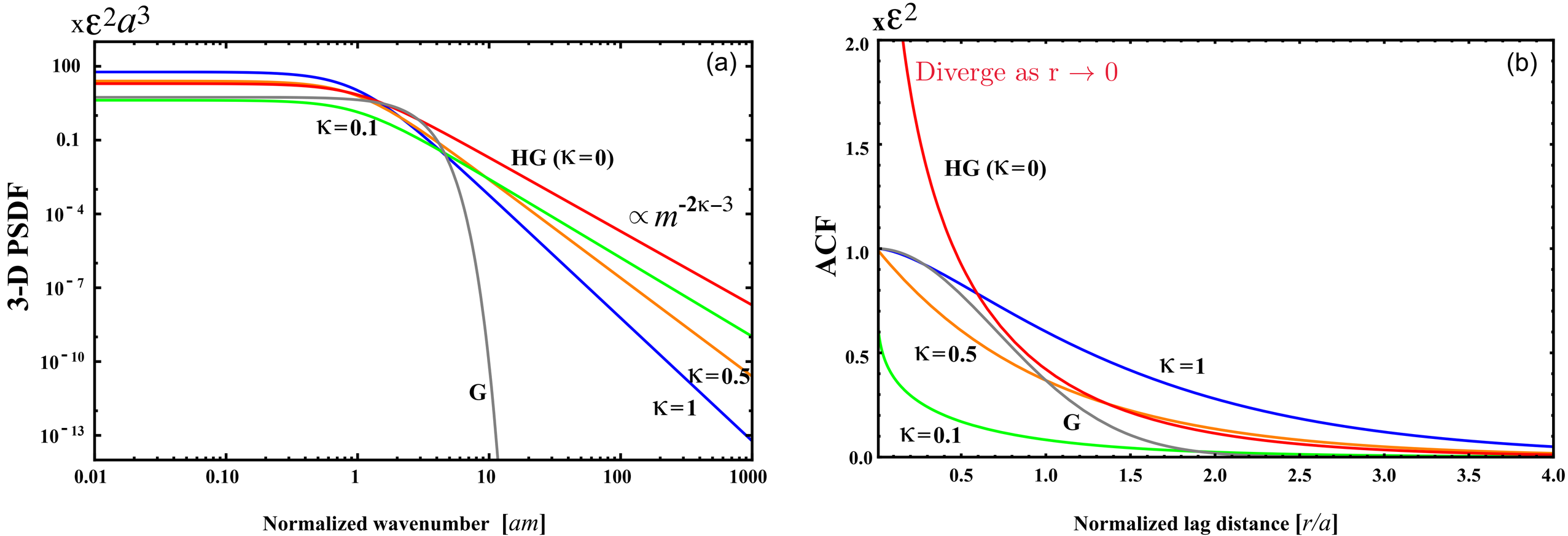
x$\varepsilon^2 a^3$
(a)
3-D PSDF
100
0.1
10^{-4}
10^{-7}
10^{-10}
10^{-13}
0.01
0.10
1
10
100
1000
Normalized wavenumber [am]
κ=0.1
HG (κ=0)
$\propto m^{-2\kappa-3}$
κ=0.5
κ=1
G
xε^2
(b)
ACF
2.0
1.5
1.0
0.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Normalized lag distance [r/a]
Diverge as r → 0
HG (κ=0)
κ=0.5
κ=1
G
κ=0.1