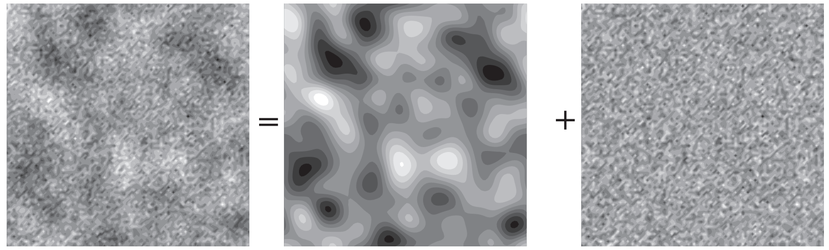
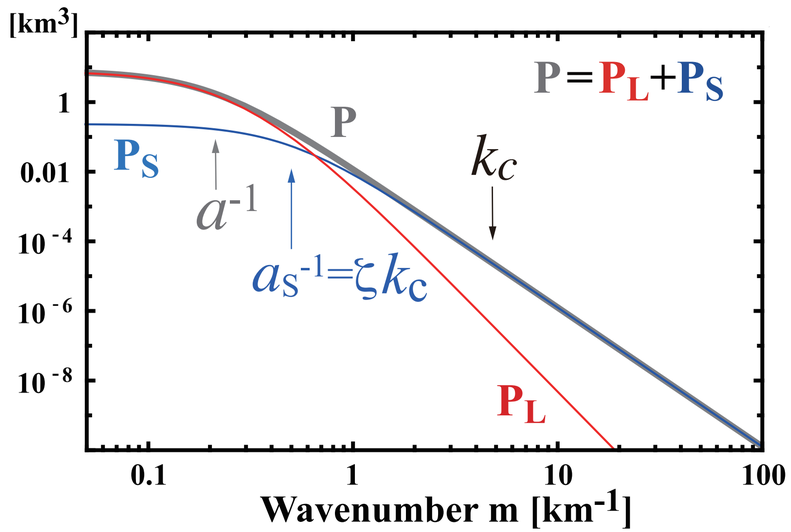
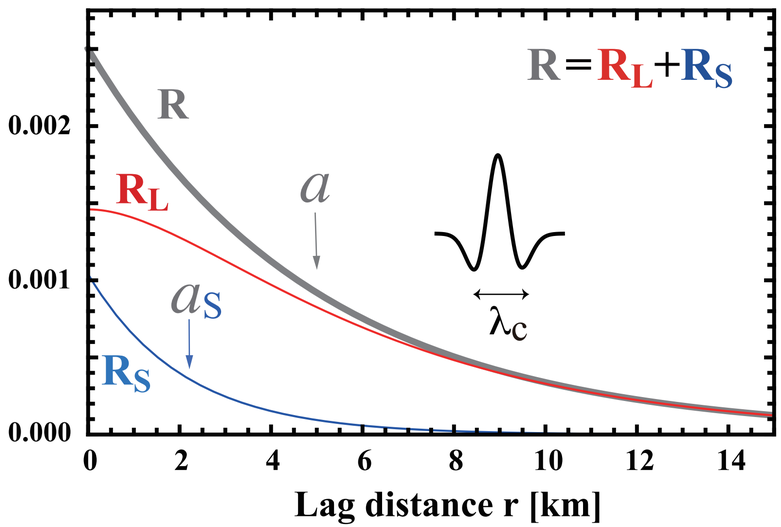
(a) Spectrum division





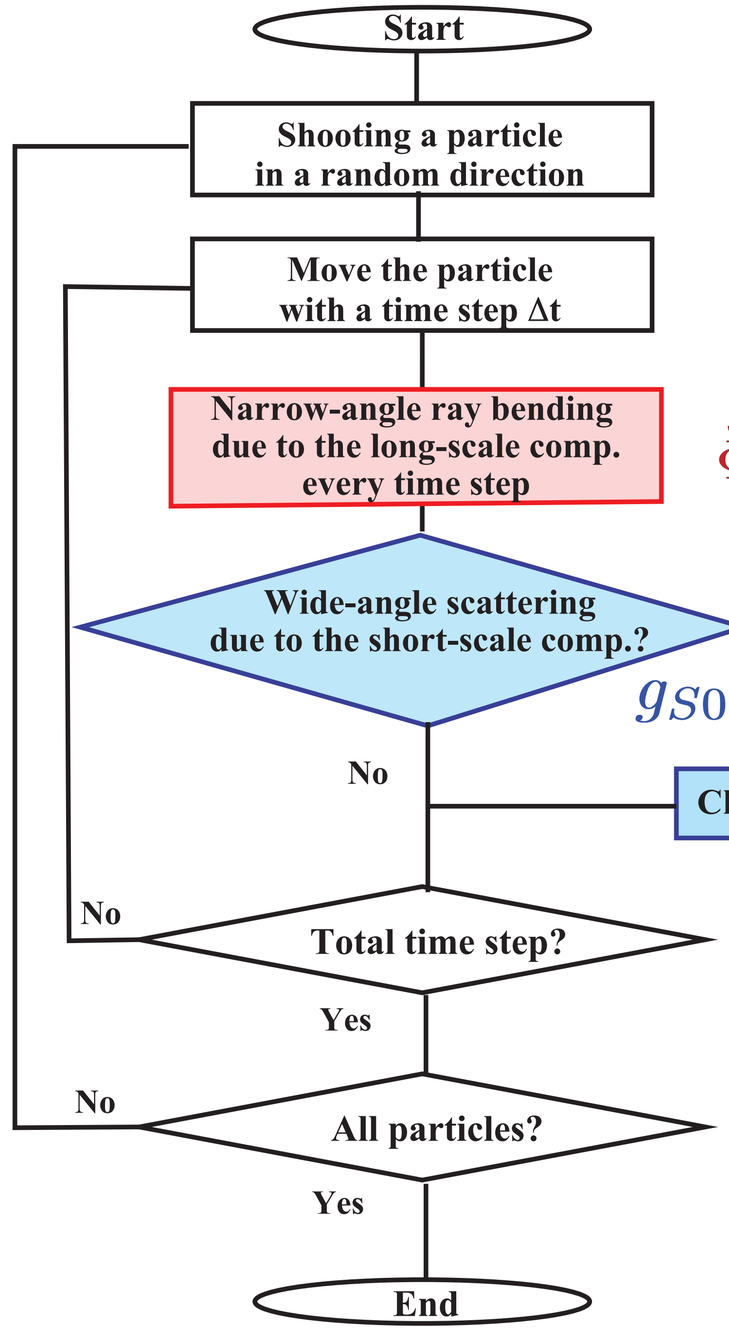
PSDF



ACF

κ=0.5, ε=0.05, a =5 km, V_0=4 km s^{-1}, fc =3 Hz, ζ=0.102

(b) Monte Carlo simulation diagam according to the RTT



Phase screen app. for PL

$$\breve{\Phi}_L(k_c,\psi,V_0\Delta t)$$

$g_{S0}(k_c)$

Born app. for PS

$$g_S(k_c,\psi)/(4\pi g_{S0}(k_c))$$

Intensity Green fucntion

$$G(r,t)=\frac{n(r,t)}{4\pi r^2\Delta r N}$$

Intensity

$$I(r,t)=s(t)\otimes G(r,t)$$