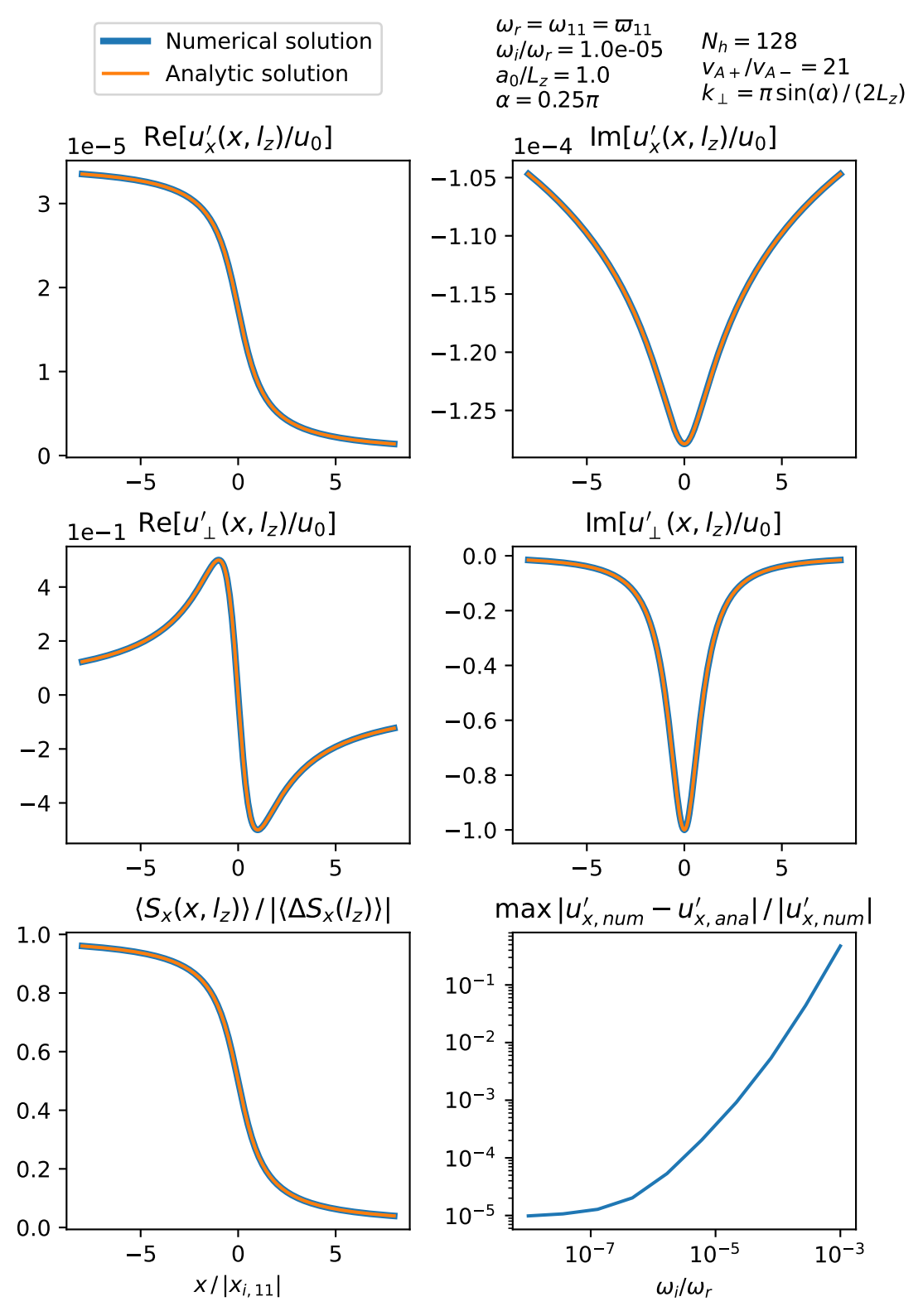
Numerical solution
Analytic solution
$\omega_r = \omega_{11} = \varpi_{11}$
$\omega_i/\omega_r = 1.0\text{e-}05$
$a_0/L_z = 1.0$
$\alpha = 0.25\pi$
$N_h = 128$
$v_{A+}/v_{A-} = 21$
$k_\perp = \pi \sin(\alpha)/(2L_z)$
$\mathrm{Re}[u'_x(x, l_z)/u_0]$
1e−5
$\mathrm{Im}[u'_x(x, l_z)/u_0]$
1e−4
$\mathrm{Re}[u'_\perp(x, l_z)/u_0]$
1e−1
$\mathrm{Im}[u'_\perp(x, l_z)/u_0]$
$\langle S_x(x, l_z)\rangle / |\langle \Delta S_x(l_z)\rangle|$
$\max |u'_{x,num} - u'_{x,ana}| / |u'_{x,num}|$
$x/|x_{i,11}|$
ω_i/ω_r