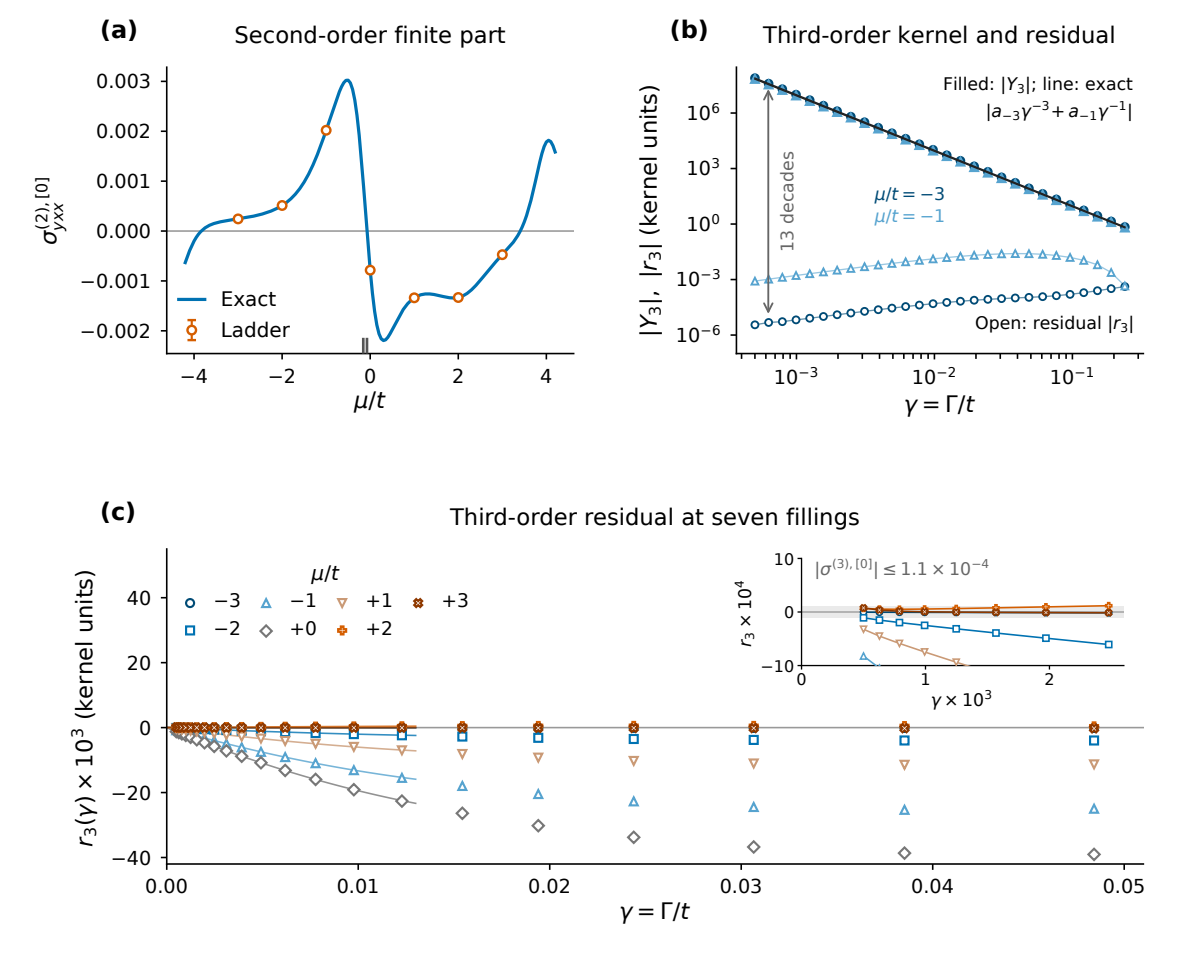

(a)
Second-order finite part
$\sigma^{(2),[0]}_{yxx}$
Exact
Ladder
μ/t
(b)
Third-order kernel and residual
Filled: $|Y_3|$; line: exact
$|a_{-3}\gamma^{-3}+a_{-1}\gamma^{-1}|$
13 decades
$\mu/t=-3$
$\mu/t=-1$
Open: residual $|r_3|$
$|Y_3|,\ |r_3|$ (kernel units)
$\gamma=\Gamma/t$
(c)
Third-order residual at seven fillings
μ/t
$|\sigma^{(3),[0]}|\le 1.1\times10^{-4}$
$r_3\times10^4$
$\gamma\times10^3$
$r_3(\gamma)\times10^3$ (kernel units)
$\gamma=\Gamma/t$