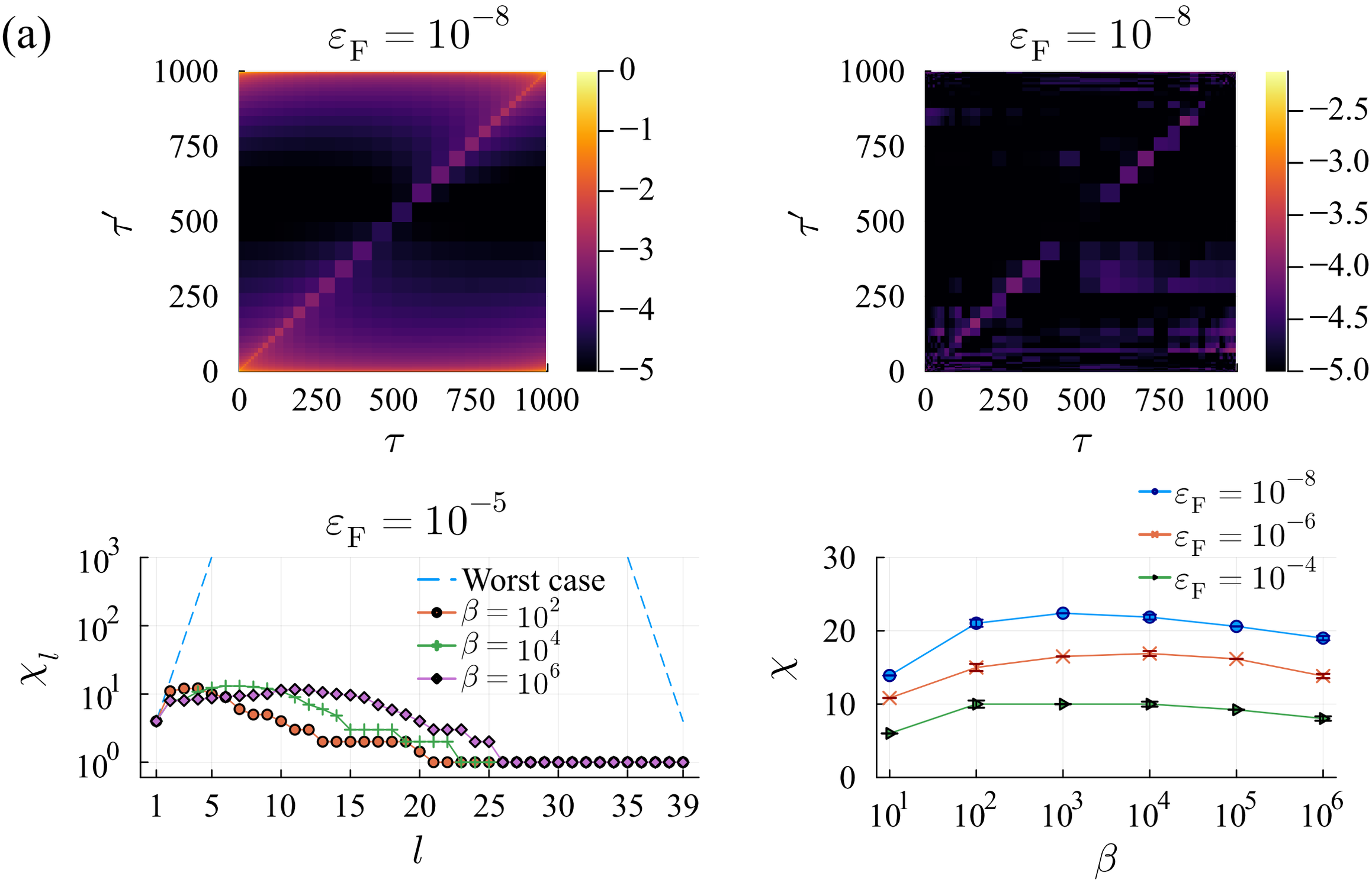
(a)


$\varepsilon_F = 10^{-8}$
$\tau'$
$\tau$
$\varepsilon_F = 10^{-8}$
$\tau'$
$\tau$
$\varepsilon_F = 10^{-5}$
Worst case
$\beta = 10^2$
$\beta = 10^4$
$\beta = 10^6$
$\chi_l$
$l$
$\varepsilon_F = 10^{-8}$
$\varepsilon_F = 10^{-6}$
$\varepsilon_F = 10^{-4}$
$\chi$
$\beta$