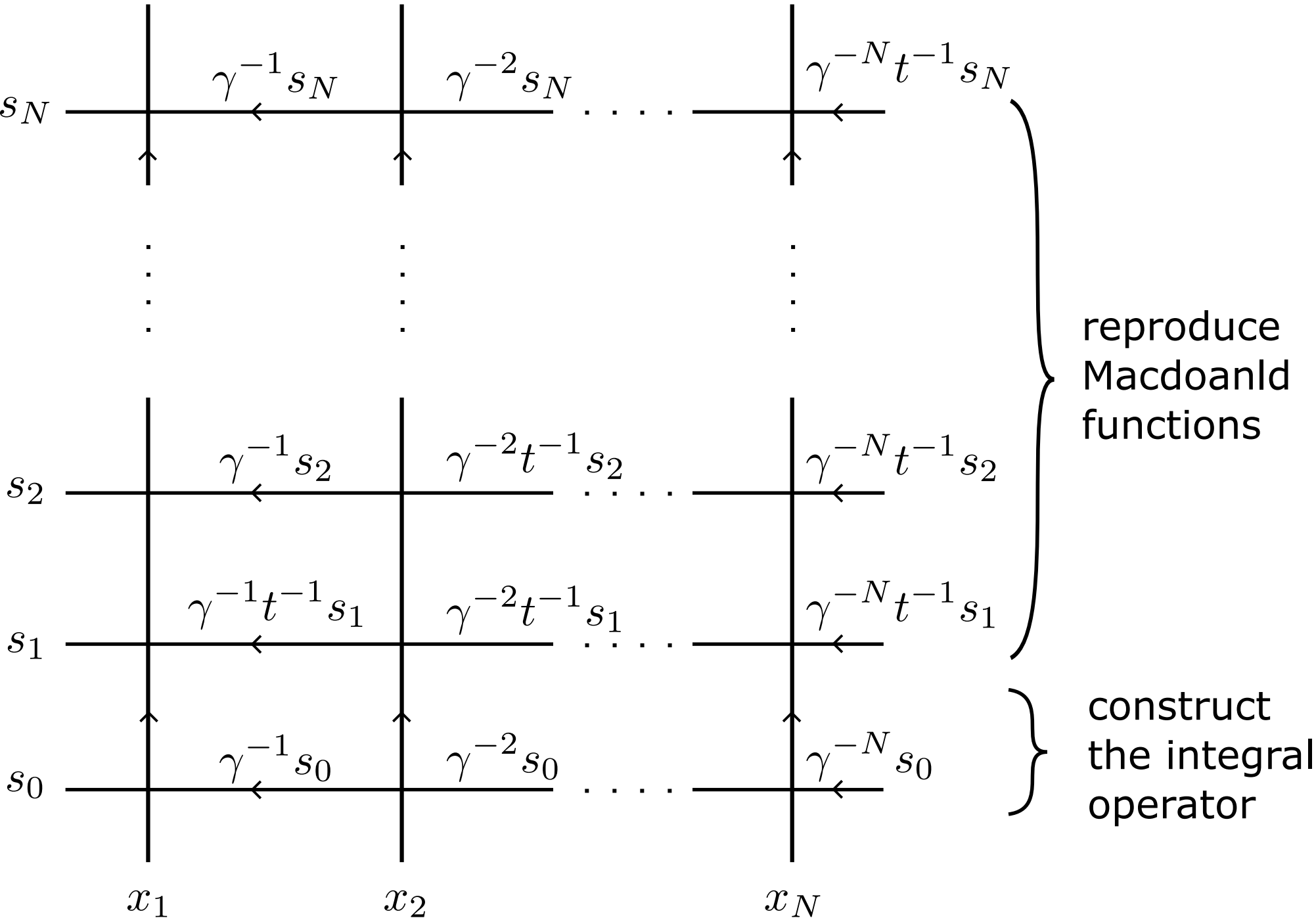
s_N
$\gamma^{-1}s_N$
$\gamma^{-2}s_N$
$\gamma^{-N}t^{-1}s_N$
s_2
$\gamma^{-1}s_2$
$\gamma^{-2}t^{-1}s_2$
$\gamma^{-N}t^{-1}s_2$
s_1
$\gamma^{-1}t^{-1}s_1$
$\gamma^{-2}t^{-1}s_1$
$\gamma^{-N}t^{-1}s_1$
s_0
$\gamma^{-1}s_0$
$\gamma^{-2}s_0$
$\gamma^{-N}s_0$
x_1
x_2
x_N
reproduce Macdoanld functions
construct the integral operator