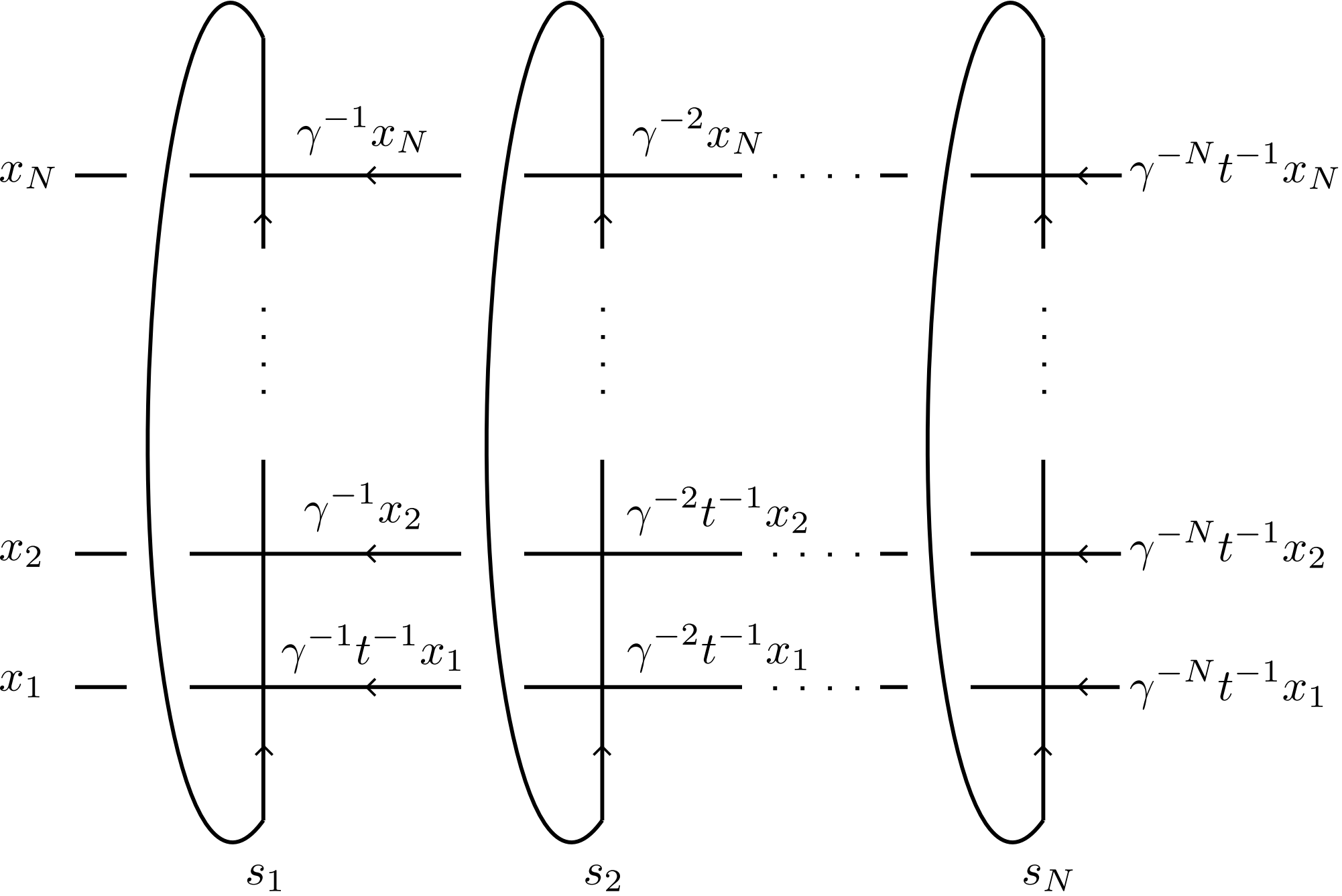
x_N
$\gamma^{-1}x_N$
$\gamma^{-2}x_N$
$\gamma^{-N}t^{-1}x_N$
x_2
$\gamma^{-1}x_2$
$\gamma^{-2}t^{-1}x_2$
$\gamma^{-N}t^{-1}x_2$
x_1
$\gamma^{-1}t^{-1}x_1$
$\gamma^{-2}t^{-1}x_1$
$\gamma^{-N}t^{-1}x_1$
s_1
s_2
s_N