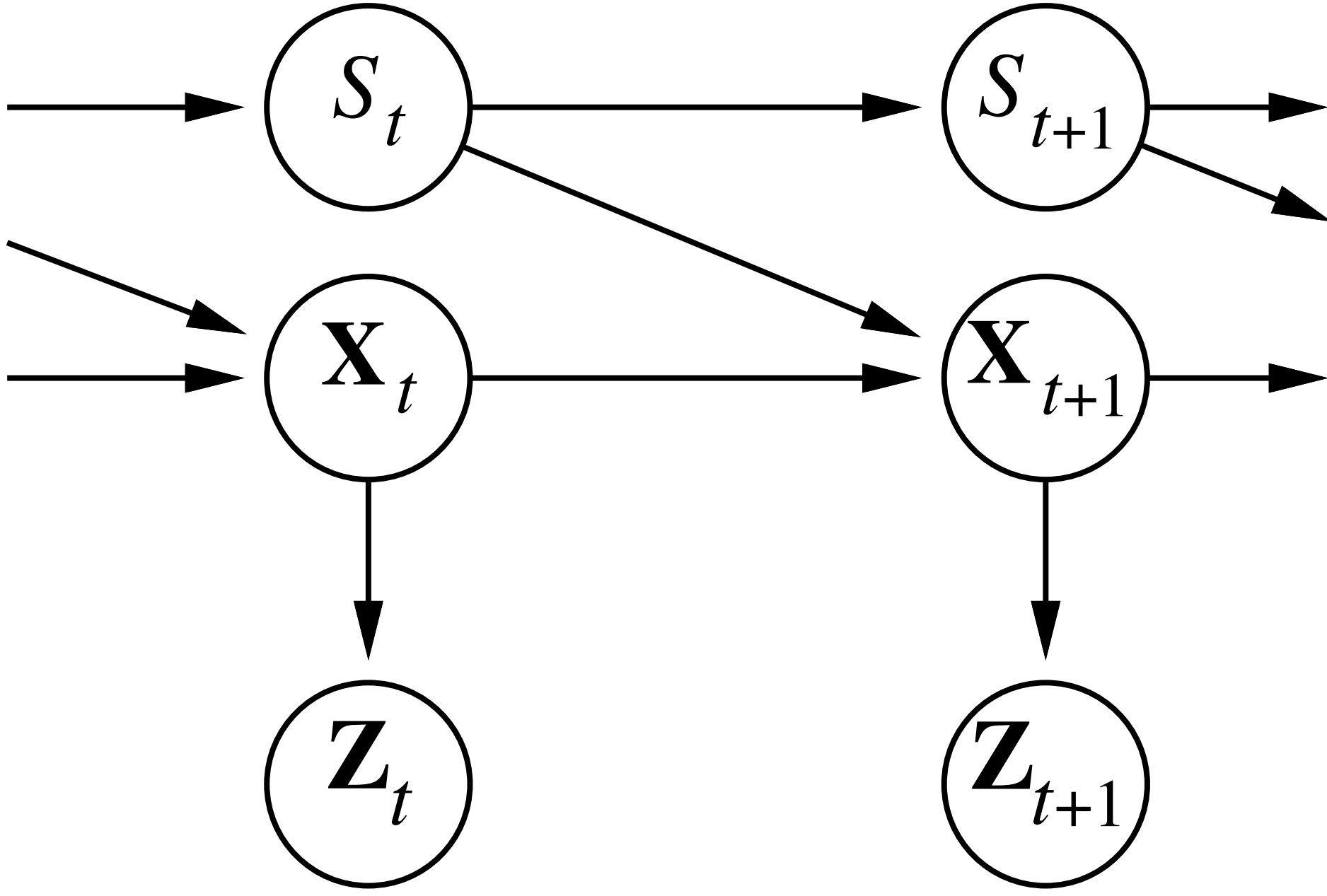
S_t
S_{t+1}
$\mathbf{X}_t$
$\mathbf{X}_{t+1}$
$\mathbf{Z}_t$
$\mathbf{Z}_{t+1}$