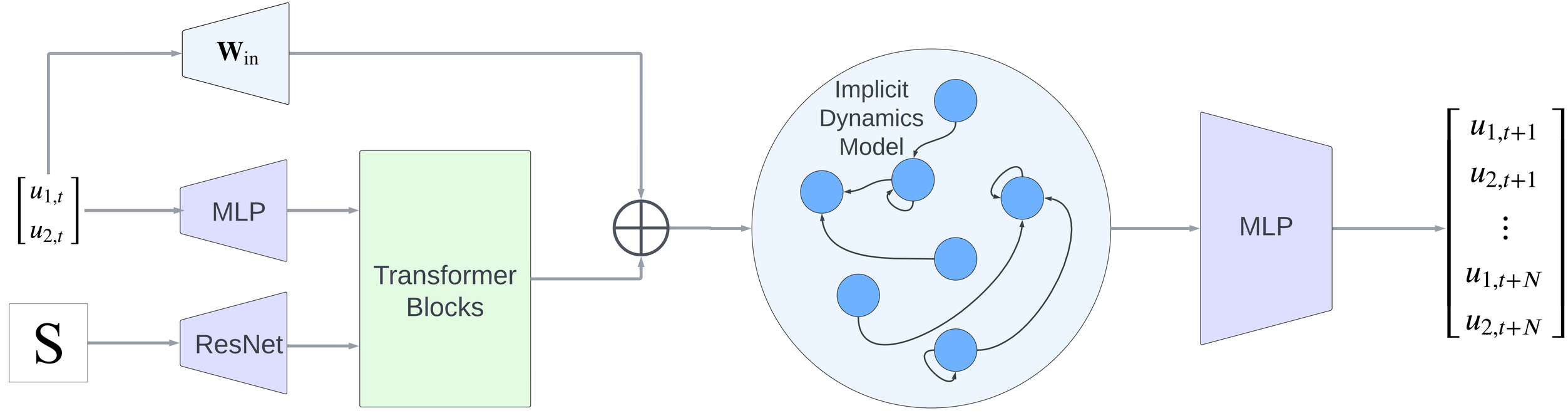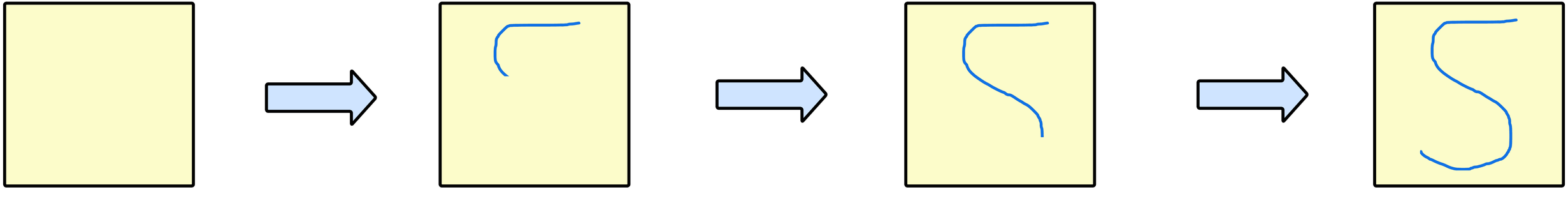
$\mathbf{W}_{\text{in}}$
$\begin{bmatrix} u_{1,t} \\ u_{2,t} \end{bmatrix}$
MLP
S
ResNet
Transformer Blocks
Implicit Dynamics Model
MLP
$\begin{bmatrix} u_{1,t+1} \\ u_{2,t+1} \\ \vdots \\ u_{1,t+N} \\ u_{2,t+N} \end{bmatrix}$