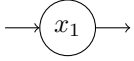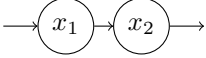Table 1: Overview of different entropy measures of simple models with different structures. The columns from left to right represent a schematic of the model, its mathematical representation, its entropy rate per jump, its mean number of jumps, its entropy rate per unit time, its mean transit time, and its path entropy. Underlined numbers are the highest values per column

Structure	$\frac{\mathrm{d}}{\mathrm{d}t}\mathbf{x}(t)$	θ_J	$\mathbb{E}[\mathcal{N}]$	θ	$\mathbb{E}[\mathcal{T}]$	$\mathbb{H}(\mathcal{P})$
$\longrightarrow \boxed{x_1} \longrightarrow$	$-\lambda x + 1$	$0.5\ (1-\log\lambda)$	2.00	$\lambda(1-\log\lambda)$	$1/\lambda$	$1-\log$
$\longrightarrow \boxed{x_1} \rightarrow \boxed{x_2} \longrightarrow$	$\begin{pmatrix} -1 & 0 \\ 1 & -1 \end{pmatrix} x + \begin{pmatrix} 1 \\ 0 \end{pmatrix}$	0.67	3.00	1.00	2.00	2.00
	$\begin{pmatrix} -1 & 0 \\ 0 & -1 \end{pmatrix} x + \begin{pmatrix} 1 \\ 1 \end{pmatrix}$	0.85	2.00	1.69	1.00	1.69
	$\begin{pmatrix} -1 & 1/2 \\ 1 & -1 \end{pmatrix} x + \begin{pmatrix} 1 \\ 0 \end{pmatrix}$	1.08	5.00	1.35	<u>4.00</u>	<u>5.39</u>
	$\begin{pmatrix} -1 & 1/2 \\ 1/2 & -1 \end{pmatrix} x + \begin{pmatrix} 1 \\ 1 \end{pmatrix}$	<u>1.36</u>	3.00	2.04	2.00	4.08
	$\begin{pmatrix} -1 & 0 & 0 \\ 1 & -1 & 0 \\ 0 & 1 & -1 \end{pmatrix} x + \begin{pmatrix} 1 \\ 0 \\ 0 \end{pmatrix}$	0.75	4.00	1.00	3.00	3.00
	$\begin{pmatrix} -1 & 0 & 0 \\ 0 & -1 & 0 \\ 0 & 0 & -1 \end{pmatrix} x + \begin{pmatrix} 1 \\ 1 \\ 1 \end{pmatrix}$	1.05	2.00	<u>2.10</u>	1.00	2.10