[b]

	Signals		Processes
	one-sided	two-sided	
Moore machines (**Moo**)	$\mathbb{N} \to \mathbf{A}$	$\mathbb{Z} \to \mathbf{A}$	$\begin{cases} \mathrm{dyn} : \mathbf{U} \to \mathbf{End}(\mathbf{X}) \\ \mathrm{ro} : \mathbf{X} \to \mathbf{Y} \end{cases}$
More machines (**Mor**)	$\mathbf{A}^*$	$\mathbf{A}^\star$	$\begin{cases} \mathrm{dyn} : \mathbf{U}^* \to \mathbf{End}(\mathbf{X}) \\ \mathrm{ro} : \mathbf{X} \to \mathbf{Y}^* \end{cases}$
event-based (**EB**)	$(\mathbb{N} \times \mathbf{A})^*$	$(\mathbb{N} \times \mathbf{A})^\star$	$\begin{cases} \mathrm{dyn} : (\mathbb{N} \times \mathbf{U})^* \to \mathbf{End}(\mathbf{X}) \\ \mathrm{ro} : \mathbf{X} \to (\mathbb{N} \times \mathbf{Y})^* \end{cases}$
continuous (**DS**)	$\mathbb{R}_{\geq 0} \to \mathbf{A}$	$\mathbb{R} \to \mathbf{A}$	$\begin{cases} \mathrm{dyn} : \mathbf{U} \to \mathbf{VF}(\mathbf{X}) \\ \mathrm{ro} : \mathbf{X} \to \mathbf{Y} \end{cases}$