$\mathcal{U}^n \xrightarrow{\frac{d\mathcal{U}}{dt} = \mathbf{R}} \mathcal{U}^\star$

$\mathcal{U}^\star \xrightarrow{\mathcal{U}^\star \mathrel{+}= \mathcal{A}(\mathcal{U}^{\star,n+1/2})} \mathcal{U}^{n+1,\star}$

$\mathcal{U}^{n+1,\star} \xrightarrow{\frac{d\mathcal{U}}{dt} = \mathbf{R}} \mathcal{U}^{n+1}$

$t^n \qquad\qquad t^{n+1}$