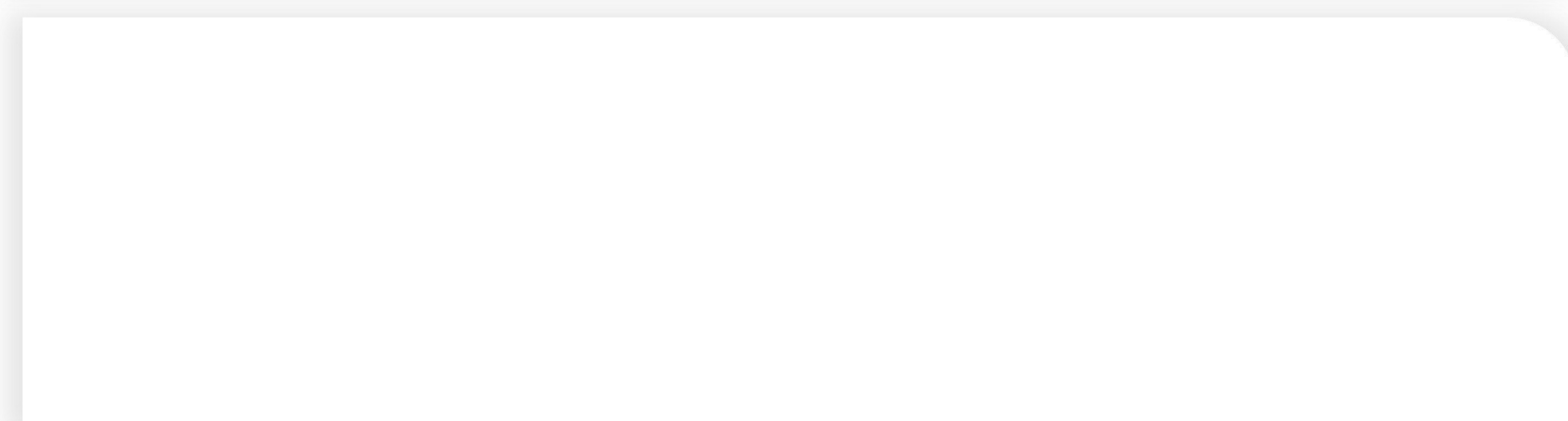
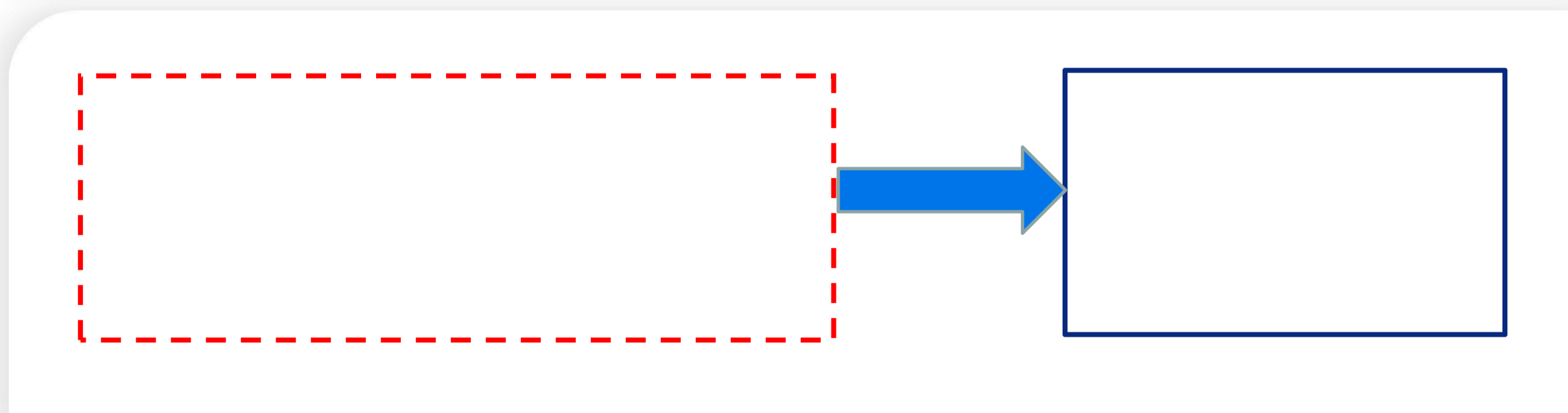
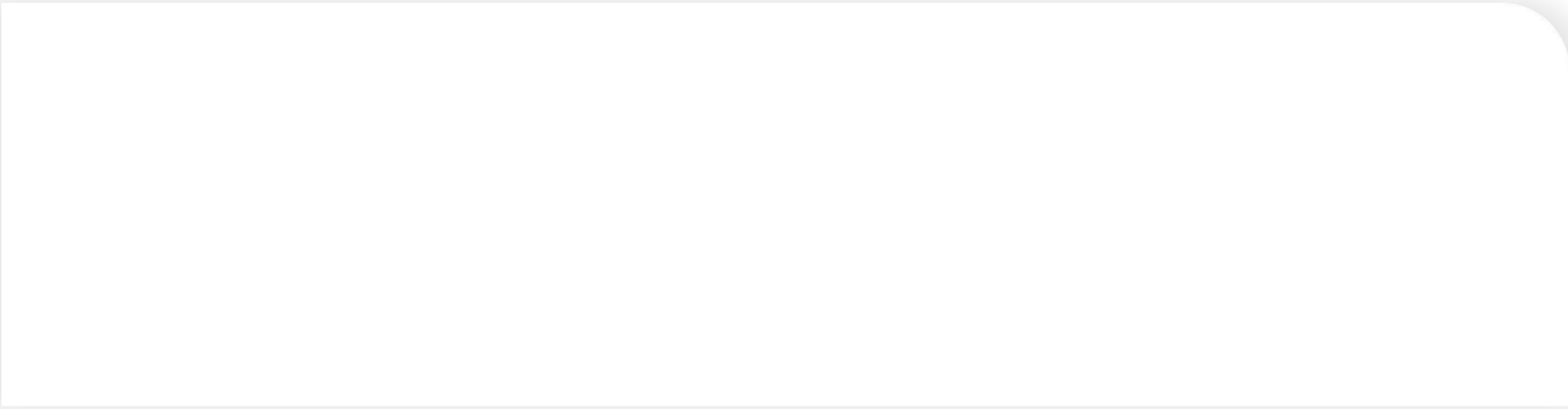
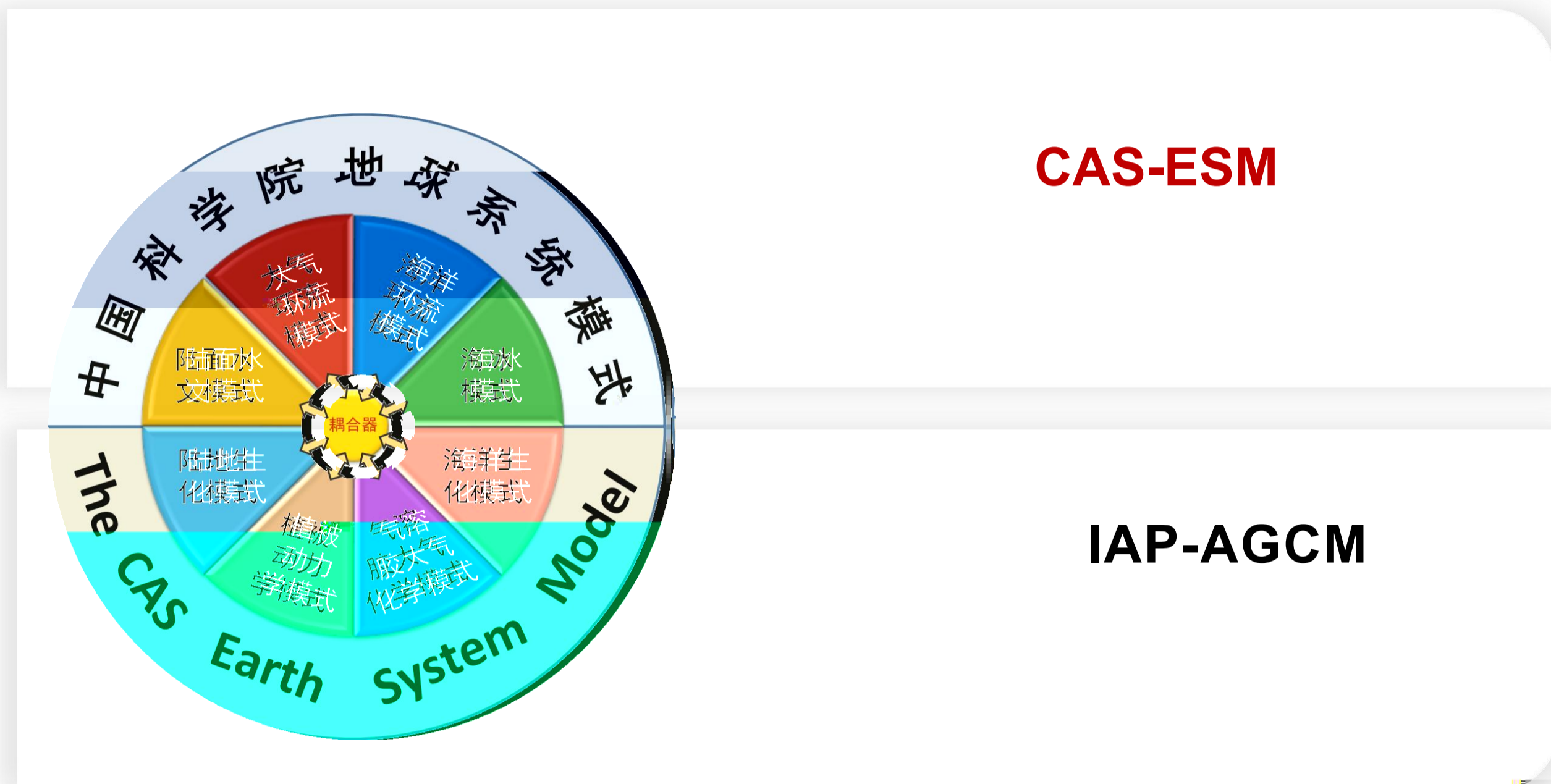
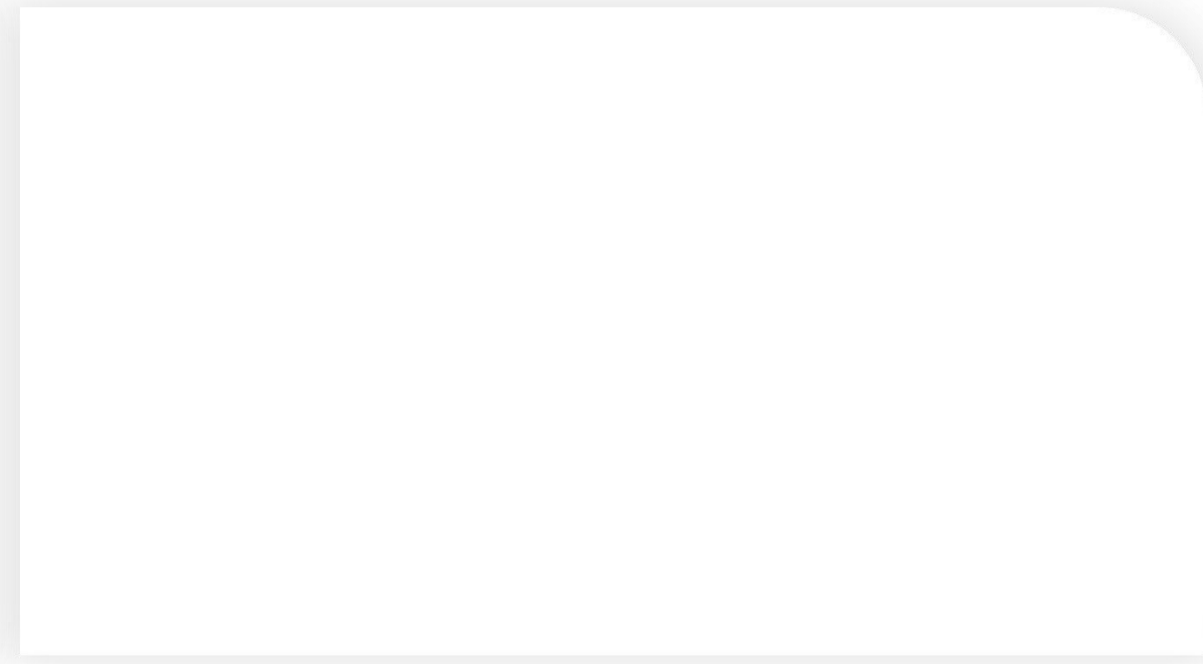
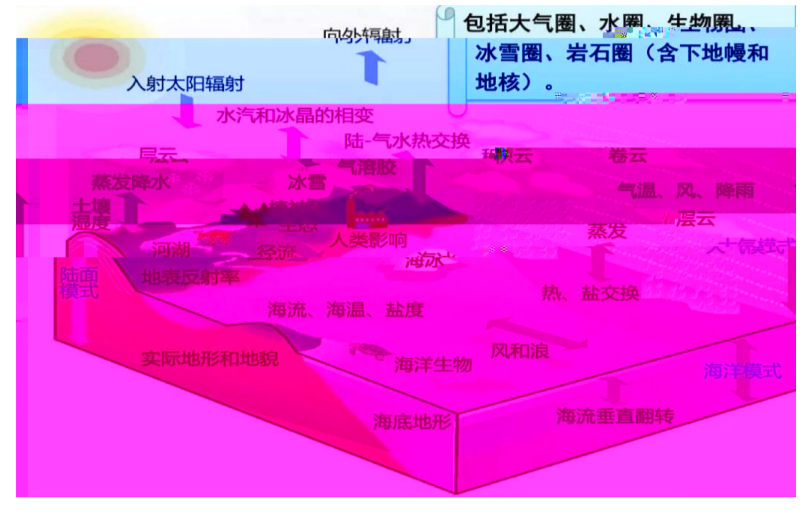




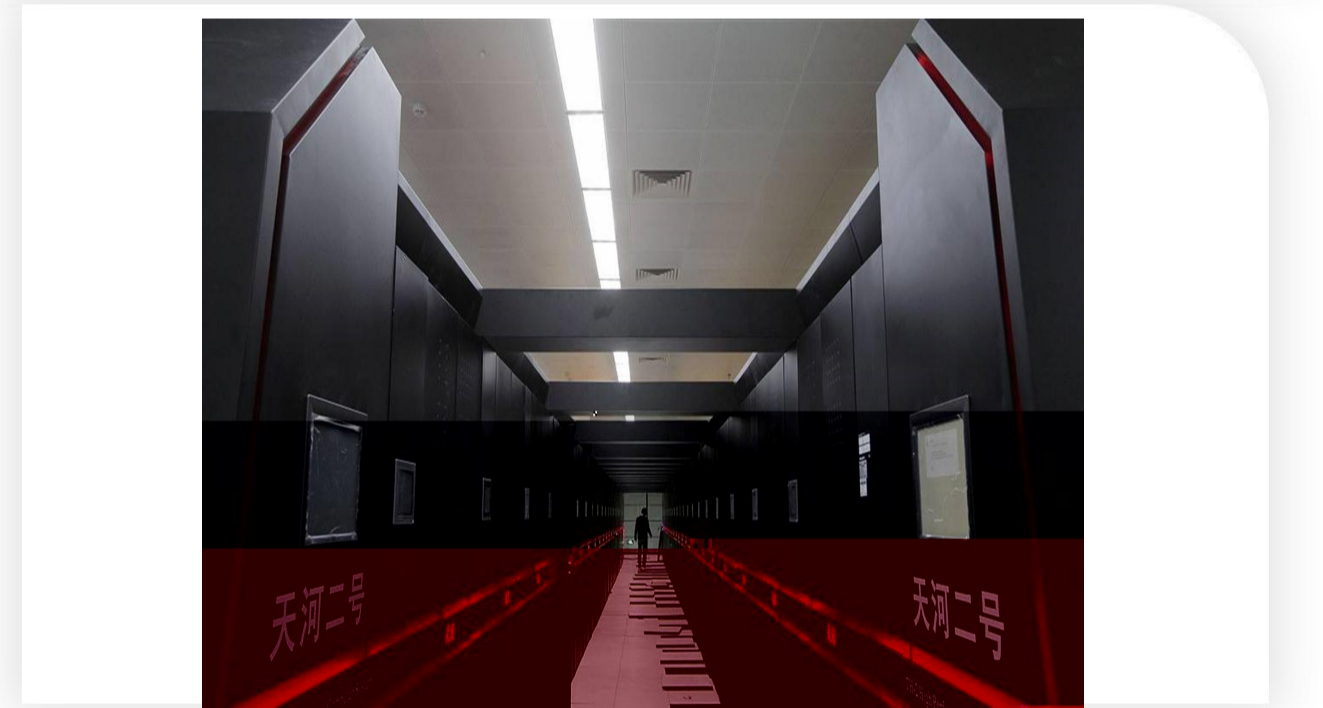
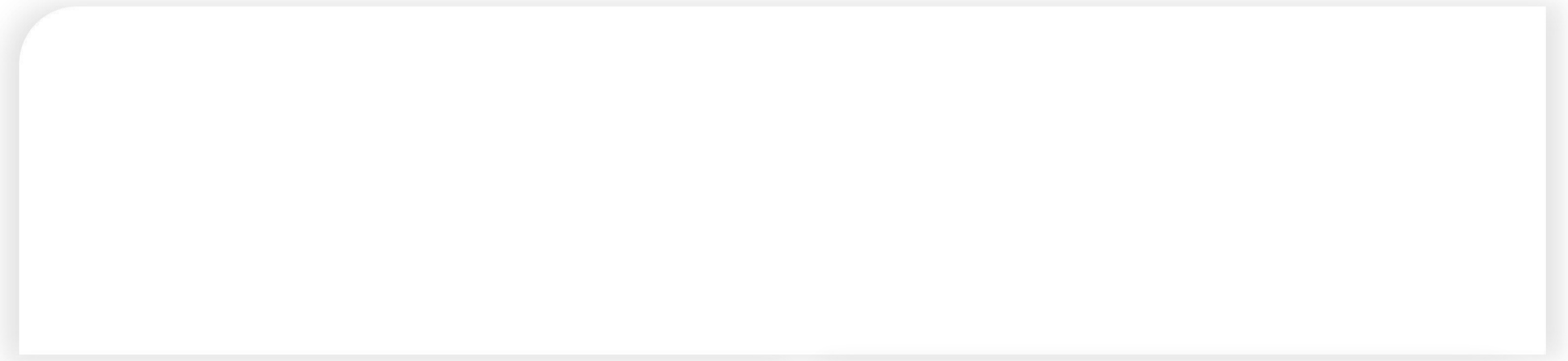
IAP-AGCM



$$\left\{ \begin{aligned} \frac{\partial}{\partial t} + (\mathbf{v} \cdot \nabla) + \zeta \frac{\partial}{\partial \zeta} + \left(\omega \frac{\partial}{\partial p} - \frac{\theta}{\lambda} \right) \left(\frac{\partial}{\partial \lambda} \right) \\ + \nabla \Phi = - \frac{\zeta}{\zeta_0} \nabla \cdot \mathbf{v}' + \frac{\mu}{\zeta_0} \Delta + v \frac{\partial}{\partial \zeta} \left(\left(\frac{\zeta}{\zeta_0} \right) \frac{\partial}{\partial \zeta} \right) \\ \left(\frac{\partial}{\partial t} + (\mathbf{v} \cdot \nabla) + \zeta \frac{\partial}{\partial \zeta} \right) \\ - \frac{\zeta}{\zeta_0} \left(- \zeta + \zeta \left(\frac{\partial}{\partial t} + \nabla \cdot \right) \right) \\ = \frac{\mu}{\zeta_0} \Delta + v \frac{\partial}{\partial \zeta} \left(\left(\frac{\zeta}{\zeta_0} \right) \frac{\partial}{\partial \zeta} \right) \end{aligned} \right. \left\{ \begin{aligned} \frac{\partial}{\partial t} + (\mathbf{v} \cdot \nabla) + \zeta \frac{\partial}{\partial \zeta} = \frac{\mu}{\zeta_0} \Delta + v \frac{\partial}{\partial \zeta} \left(\left(\frac{\zeta}{\zeta_0} \right) \frac{\partial}{\partial \zeta} \right) \\ \frac{\partial}{\partial t} + (\mathbf{v} \cdot \nabla) + \zeta \frac{\partial}{\partial \zeta} = \frac{\mu}{\zeta_0} \Delta \\ + v \frac{\partial}{\partial \zeta} \left(\left(\frac{\zeta}{\zeta_0} \right) \frac{\partial}{\partial \zeta} \right) \\ \frac{\partial}{\partial t} + \nabla \cdot (\mathbf{v}') + \frac{\partial \zeta}{\partial t} = \\ \frac{\partial \Phi}{\partial \zeta} + \frac{\zeta}{\zeta_0} \frac{\partial}{\partial \zeta} = \end{aligned} \right.$$

$$\left\{ \begin{aligned} \frac{\partial}{\partial \zeta} \Big|_{\zeta_0} = \frac{\partial}{\partial \zeta} \Big|_{\zeta_0} = \frac{\partial}{\partial \zeta} \Big|_{\zeta_0} = \frac{\partial}{\partial \zeta} \Big|_{\zeta_0} = \zeta \frac{\partial}{\partial \zeta} \\ \left(v \frac{\partial}{\partial \zeta} + \left(- \right) \right) \Big|_{\zeta_0} = \left(v \frac{\partial}{\partial \zeta} + \left(- \right) \right) \Big|_{\zeta_0} \\ \left(v \frac{\partial}{\partial \zeta} + \left(- \right) \right) \Big|_{\zeta_0} = \frac{\partial}{\partial \zeta} \Big|_{\zeta_0} \\ \zeta \frac{\partial}{\partial \zeta} = \Phi'_{\zeta_0} = - \theta \lambda \end{aligned} \right.$$

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$$\left\{ \begin{aligned} \frac{\partial \rho}{\partial t} = \kappa \Delta \rho + \nabla \cdot (\mathbf{v} \rho) \quad \theta \lambda \in \Gamma < \leq \\ \rho \theta \lambda = \rho \theta \lambda \quad \leq \theta \leq \pi \quad \leq \lambda \leq \pi \quad () \\ \rho \theta \lambda = \beta \theta \lambda \quad \theta \lambda \in \Gamma < \leq \end{aligned} \right.$$

$$\sim \quad \mathbf{K} = \pi \times \pi \quad \Gamma$$

$$(\theta \lambda) \in \Gamma \quad \beta \theta \lambda = \rho \theta \lambda$$

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