

$$\frac{d}{dt} \overset{+}{\cdot} \phi_{\mathcal{A}ij} \approx \frac{\left(\mathcal{D}^{\overset{+}{\cdot}} \pi_{\mathcal{A}} \right)^{\parallel}_{ij} \mathcal{N}}{4\mathcal{J}} + \frac{\left(\mathcal{D}^{\overset{+}{\cdot}} \pi_{\mathcal{A}} \right)^{\parallel}_{ji} \mathcal{N}}{4\mathcal{J}} - \frac{\left(\mathcal{D}^{\overset{+}{\cdot}} \pi_{\mathcal{A}} \right)^{\parallel}_a \eta^{\parallel}_{ij} \mathcal{N}}{6\mathcal{J}}$$