$$\mathcal{L} = \log \mathcal{K} \text{ Kaehler potential}$$

$$-i\omega = \partial \bar{\partial} \mathcal{L} = \frac{\partial^2 \mathcal{L}}{\partial z^i \partial \bar{z}^j} d z^i \ast d \bar{z}^j = \frac{\partial^2 \mathcal{L}}{\partial z^{\cdot} \partial \bar{z}^{\cdot}} d z^{\cdot} \ast d \bar{z}^{\cdot}$$

complex bicotangent field

$$\left(\frac{\overset{-1}{\partial^2} \mathcal{L}}{\partial z^{\cdot} \partial \bar{z}^{\cdot}} \right)^{\ell k} \quad \text{complex bitangent field}$$

$$-i \mathsf{J} \ast \mathsf{J}' = \left(\frac{\overset{-1}{\partial^2} \mathcal{L}}{\partial z^{\cdot} \partial \bar{z}^{\cdot}} \right)^{k\ell} \underbrace{\frac{\partial \mathsf{J}}{\partial z^k} \frac{\partial \mathsf{J}'}{\partial \bar{z}^\ell} - \frac{\partial \mathsf{J}'}{\partial z^k} \frac{\partial \mathsf{J}}{\partial \bar{z}^\ell}}$$

sep of variables

$$\daleth \ast = \daleth_{,} \ast \bar{\daleth} = \bar{\daleth}$$

$$\daleth \ast \mathsf{J} = \daleth \, \mathsf{J}_{,} \, \mathsf{J} \ast \bar{\daleth} = \mathsf{J} \, \bar{\daleth}$$

$$\mathsf{J} \ast = \sum_{\alpha} \frac{1}{\alpha!} \bar{\partial}^{\iota} \mathsf{J} \, \overbrace{\bar{z} \ast - \bar{z}}^{\alpha}$$

$$z^k \ast = z^k$$

$$\frac{\partial \mathcal{L}}{\partial z^k} \ast = \varkappa \frac{\partial}{\partial z^k} + \frac{\partial \mathcal{L}}{\partial z^k}$$

$$\bar{z}^\ell \ast - \bar{z}^\ell \ast \varkappa \left(\frac{\overset{-1}{\partial^2} \mathcal{L}}{\partial z^{\cdot} \partial \bar{z}^{\cdot}} \right)^{\ell k} \frac{\partial}{\partial z^k}$$