

$$\begin{aligned}
&= \pi \sum_{\alpha, \beta} W_{\alpha\beta} \delta_\alpha \delta_\beta dx_\alpha \wedge dx_\beta \\
&+ \pi \sum_{\alpha, \beta, r} W_{\alpha\beta} \delta_\alpha (\bar{z}_{\beta r} - z_{\beta r}) dx_\alpha \wedge dx_{n+r} \\
&+ \pi \sum_{\alpha, \beta, r, \varepsilon} W_{\alpha\beta} z_{\alpha r} \bar{z}_{\beta \varepsilon} dx_{n+r} \wedge dx_{n+\varepsilon}.
\end{aligned}$$

\mathbb{F} Since $\lambda_i = \sum \omega_{\alpha i} e_\alpha$, $\Omega = (\omega_{\alpha i})$,
 $x_i \lambda_i = \sum_\alpha x_i \omega_{\alpha i} e_\alpha = \sum z_\alpha e_\alpha$

$$\Rightarrow z_\alpha = x_i \omega_{\alpha i} = \omega_{\alpha i} x_i$$

$$\begin{aligned}
\Rightarrow z_\alpha &= \omega_{\alpha 1} x_1 + \omega_{\alpha 2} x_2 + \dots + \omega_{\alpha, 2n} x_{2n} \\
&= \delta_\alpha x_\alpha + \sum_\beta z_{\alpha\beta} x_{n+\beta}
\end{aligned}$$

$$\Rightarrow dz_\alpha = \delta_\alpha dx_\alpha + \sum_\beta z_{\alpha\beta} dx_{n+\beta}$$

$$\Rightarrow \textcircled{H}_L = \pi \sum_{\alpha, \beta} W_{\alpha\beta} dz_\alpha \wedge d\bar{z}_\beta$$

$$\begin{aligned}
&= \pi \sum_{\alpha, \beta} W_{\alpha\beta} (\delta_\alpha dx_\alpha + \sum_r z_{\alpha r} dx_{n+r}) \wedge (\delta_\beta dx_\beta \\
&+ \sum_\varepsilon \bar{z}_{\beta \varepsilon} dx_{n+\varepsilon})
\end{aligned}$$

$$= \pi \sum_{\alpha, \beta} W_{\alpha\beta} \delta_\alpha \delta_\beta dx_\alpha \wedge dx_\beta + \pi \sum_{\alpha, \beta, \varepsilon} W_{\alpha\beta} \delta_\alpha \bar{z}_{\beta \varepsilon} dx_\alpha \wedge$$

$$dx_{n+\varepsilon} + \pi \sum_{\alpha, \beta, r} W_{\alpha\beta} \delta_\beta z_{\alpha r} dx_{n+r} \wedge dx_\beta$$

$$+ \pi \sum_{\alpha, \beta, r, \varepsilon} W_{\alpha\beta} z_{\alpha r} \bar{z}_{\beta \varepsilon} dx_{n+r} \wedge dx_{n+\varepsilon}.$$