$$\Delta = \frac{1}{2}\overbrace{\underline{L}_0 + \bar{L}_0 - 2}^{-1} = \int\limits_{du}^{0|1} u^{\underline{L}_0 + \bar{L}_0 - 3}$$

$$V = \int\limits_{d\sigma}^{0|\pi} 2\sigma i \mathfrak{e}^{\underline{L} - \bar{L}} \underline{V \boldsymbol{\Sigma} \bar{V}}^{-2\sigma i \mathfrak{e}^{\underline{L} - \bar{L}}} = \int\limits_{ds}^{0\,\big|\,\pi} si \mathfrak{e}^{\underline{L} - \bar{L}} \underline{V \boldsymbol{\Sigma} \bar{V}}^{-si \mathfrak{e}^{\underline{L} - \bar{L}}}$$

$$\int\limits_{dz}^{\mathbb{B}} z^{\underline{L}_0 - 2}\, \bar{z}^{\bar{L}_0 - 2} = \int\limits_{du}^{0|1} \int\limits_{ds}^{0\,\big|\,\pi} u\, \overbrace{u^{is}\mathfrak{e}}^{\underline{L}_0 - 2}\, \overbrace{u^{-is}\mathfrak{e}}^{\bar{L}_0 - 2}$$

$$= \int\limits_{du}^{0|1} \int\limits_{ds}^{0\,\big|\,\pi} u\, u^{\underline{L}_0 + \bar{L}_0 - 4}\, {}^{is}\mathfrak{e}^{\underline{L}_0 - \bar{L}_0} = \int\limits_{du}^{0|1} u^{\underline{L}_0 + \bar{L}_0 - 3} \int\limits_{ds}^{0\,\big|\,\pi} {}^{is}\mathfrak{e}^{\underline{L}_0 - \bar{L}_0}$$

$$\Phi_1\,|\,V_2\,\Delta\cdots\Delta\,V_{m-1}\,\Phi_m \;=\; \Phi_1\,\underline{V_{-2}\mathbf{\Sigma}\bar{V}_2}\int\limits_{dz_2}^{\mathbb{B}} z_2^{\frac{L_0}{-}-2}\,\bar{z}_2^{\bar{L}_0-2}\,\underline{V_{-3}\mathbf{\Sigma}\bar{V}_3}\int\limits_{dz_3}^{\mathbb{B}} z_3^{\frac{L_0}{-}-2}\,\bar{z}_3^{\bar{L}_0-2}\,\underline{V_{-4}\mathbf{\Sigma}\bar{V}_4}\cdot\cdot$$

$$\int\limits_{dz_{m-3}}^{\mathbb{B}} z_{m-3}^{\frac{L_0}{-}-2}\,\bar{z}_{m-3}^{\bar{L}_0-2}\,\underline{V_{-m-2}\mathbf{\Sigma}\bar{V}_{m-2}}\int\limits_{dz_{m-2}}^{\mathbb{B}} z_{m-2}^{\frac{L_0}{-}-2}\,\bar{z}_{m-2}^{\bar{L}_0-2}\,\underline{V_{-m-1}\mathbf{\Sigma}\bar{V}_{m-1}}\,\Phi_m$$

$$\text{LHS} \;=\; \Phi_1\int\limits_{ds_2}^{0\,|\,\pi} {}^{s_2 i\mathfrak{e}^{\frac{L}{-}}-\bar{L}}\,\underline{V_{-2}\mathbf{\Sigma}\bar{V}_2}\,{}^{-s_2 i\mathfrak{e}^{\frac{L}{-}}-\bar{L}}\int\limits_{du_2}^{0|1} u_2^{\frac{L_0}{-}+\bar{L}_0-3}$$

$$\int\limits_{ds_3}^{0\,|\,\pi} {}^{s_3 i\mathfrak{e}^{\frac{L}{-}}-\bar{L}}\,\underline{V_{-3}\mathbf{\Sigma}\bar{V}_3}\,{}^{-s_3 i\mathfrak{e}^{\frac{L}{-}}-\bar{L}}\int\limits_{du_3}^{0|1} u_3^{\frac{L_0}{-}+\bar{L}_0-3}\int\limits_{ds_4}^{0\,|\,\pi} {}^{s_4 i\mathfrak{e}^{\frac{L}{-}}-\bar{L}}\,\underline{V_{-4}\mathbf{\Sigma}\bar{V}_4}\,{}^{-s_4 i\mathfrak{e}^{\frac{L}{-}}-\bar{L}}\int\limits_{du_4}^{0|1} u_4^{\frac{L_0}{-}+\bar{L}_0-3}$$

$$\cdots\int\limits_{du_{m-2}}^{0|1} u_{m-2}^{\frac{L_0}{-}+\bar{L}_0-3}\int\limits_{ds_{m-1}}^{0\,|\,\pi} {}^{s_{m-1} i\mathfrak{e}^{\frac{L}{-}}-\bar{L}}\,\underline{V_{-m-1}\mathbf{\Sigma}\bar{V}_{m-1}}\,{}^{-s_{m-1} i\mathfrak{e}^{\frac{L}{-}}-\bar{L}}\,\Phi_m \;=\; \Phi_1\int\limits_{ds_2}^{0\,|\,\pi}\underline{V_{-2}\mathbf{\Sigma}\bar{V}_2}\int\limits_{du_2}^{0|1} u_2^{\frac{L_0}{-}+\bar{L}_0-3}$$

$$\int\limits_{ds_3}^{0\,|\,\pi} (s_3-s_2)\,i\mathfrak{e}^{\frac{L}{-}}-\bar{L}\,\underline{V_{-3}\mathbf{\Sigma}\bar{V}_3}\int\limits_{du_3}^{0|1} u_3^{\frac{L_0}{-}+\bar{L}_0-3}\int\limits_{ds_4}^{0\,|\,\pi} (s_4-s_3)\,i\mathfrak{e}^{\frac{L}{-}}-\bar{L}\,\underline{V_{-4}\mathbf{\Sigma}\bar{V}_4}\int\limits_{du_4}^{0|1} u_4^{\frac{L_0}{-}+\bar{L}_0-3}$$

$$\cdots\int\limits_{ds_{m-2}}^{0\,|\,\pi}\left(s_{m-2}-s_{m-3}\right)i\mathfrak{e}^{\frac{L}{-}}-\bar{L}\,\underline{V_{-m-2}\mathbf{\Sigma}\bar{V}_{m-2}}\int\limits_{du_{m-2}}^{0|1} u_{m-2}^{\frac{L_0}{-}+\bar{L}_0-3}\int\limits_{ds_{m-1}}^{0\,|\,\pi}\left(s_{m-1}-s_{m-2}\right)i\mathfrak{e}^{\frac{L}{-}}-\bar{L}\,\underline{V_{-m-1}\mathbf{\Sigma}\bar{V}_{m-1}}\,\Phi_m$$

$$\overset{t_k=}{=}{}_{s_{k+1}-s_k}\;\Phi_1\int\limits_{ds_2}^{0\,|\,\pi}\underline{V_{-2}\mathbf{\Sigma}\bar{V}_2}\int\limits_{du_2}^{0|1} u_2^{\frac{L_0}{-}+\bar{L}_0-3}\int\limits_{dt_2}^{0\,|\,\pi} t_2 i\mathfrak{e}^{\frac{L}{-}}-\bar{L}\,\underline{V_{-3}\mathbf{\Sigma}\bar{V}_3}\int\limits_{du_3}^{0|1} u_3^{\frac{L_0}{-}+\bar{L}_0-3}\int\limits_{dt_3}^{0\,|\,\pi} t_3 i\mathfrak{e}^{\frac{L}{-}}-\bar{L}\,\underline{V_{-4}\mathbf{\Sigma}\bar{V}_4}\cdot\cdot\int\limits_{du_{m-3}}^{0|1} u_{m-3}^{\frac{L_0}{-}+\bar{L}_0-3}$$

$$\int\limits_{dt_{m-3}}^{0\,|\,\pi} t_{m-3} i\mathfrak{e}^{\frac{L}{-}}-\bar{L}\,\underline{V_{-m-2}\mathbf{\Sigma}\bar{V}_{m-2}}\int\limits_{du_{m-2}}^{0|1} u_{m-2}^{\frac{L_0}{-}+\bar{L}_0-3}\int\limits_{dt_{m-2}}^{0\,|\,\pi} t_{m-2} i\mathfrak{e}^{\frac{L}{-}}-\bar{L}\,\underline{V_{-m-1}\mathbf{\Sigma}\bar{V}_{m-1}}\,\Phi_m \;=\; \text{RHS}$$

$$\underbrace{{}^{w_1}V_1\cdot\cdot{}^{w_m}V_m}\;=\;{}^{w_{\sigma_1}}V_{\sigma_1}\cdot\cdot{}^{w_{\sigma_m}}V_{\sigma_m}:\quad \overline{w_{\sigma_1}}\geqslant\cdot\cdot\geqslant\overline{w_{\sigma_m}}$$

$$\int\limits_{\mathbb{C}^m}^{dw_1\cdot\cdot dw_m} \overbrace{{}^{w_1}V_1\cdot\cdot{}^{w_m}V_m}^{} = \sum_{\sigma}^{m!} \int\limits_{dw_1\cdot\cdot dw_m}^{\overbrace{w_1}\geqslant\cdot\cdot\geqslant\overbrace{w_m}} {}^{w_1}V_{\sigma_1}\cdot\cdot{}^{w_m}V_{\sigma_m}$$

$$\text{LHS} = \sum_{\sigma}^{m!} \int\limits_{dw_1\cdot\cdot dw_m}^{\overbrace{w_{\sigma_1}}\geqslant\cdot\cdot\geqslant\overbrace{w_{\sigma_m}}} \overbrace{{}^{w_1}V_1\cdot\cdot{}^{w_m}V_m}^{} = \sum_{\sigma}^{m!} \int\limits_{dw_1\cdot\cdot dw_m}^{\overbrace{w_{\sigma_1}}\geqslant\cdot\cdot\geqslant\overbrace{w_{\sigma_m}}} {}^{w_{\sigma_1}}V_{\sigma_1}\cdot\cdot{}^{w_{\sigma_m}}V_{\sigma_m} = \text{RHS}$$

$$\begin{cases} \Phi_1 \overset{\infty}{\curvearrowleft}{}^{w_1} |\Omega| {w_1}^{w_1} V_1 \\ \frac{{}^{w_m}V_m}{w_m} \Omega \underset{w_m}{\searrow}{}_0 \Phi_m \end{cases} \qquad \begin{cases} \Phi_1 \overset{\infty}{\curvearrowleft}{}^{\bar{w}_1} |\Omega| {\bar{w}_1}^{\bar{w}_1} V_1 \\ \frac{{}^{\bar{w}_m}V_m}{\bar{w}_m} \Omega \underset{\bar{w}_m}{\searrow}{}_0 \Phi_m \end{cases}$$

$$\Longrightarrow \Lambda^{w_1 1 w_m}{}_{w_1 1 w_m} \overbrace{V_1 \cdot\cdot V_m} \Lambda^{\bar{w}_1 1 \bar{w}_m}{}_{\bar{w}_1 1 \bar{w}_m} \overbrace{V_1 \cdot\cdot V_m} \overset{\infty}{\underset{w_m}{\curvearrowleft\searrow}}{}_0^{w_1} \Phi_1 | V_2 \boxtimes \bar{V}_2 \Delta V_3 \boxtimes \bar{V}_3 \Delta \cdot\cdot \Delta {}_{m-1}V \boxtimes {}_{m-1}\bar{V} \Phi_m$$

$$\infty > \overline{w_1} > \overline{w_2} = 1 > \overline{w_3} > \cdot\cdot > \overline{w_{m-1}} > \overline{w_m} > 0\text{:} \quad 3 \leqslant i \leqslant m-1\text{:} \quad z_i = w_i / w_{i-1} \in \mathbb{B}^\times$$

$$\Lambda^{w_1 1 w_m}{}_{w_1 1 w_m} \overbrace{V_1 \cdot\cdot V_m} \Lambda^{\bar{w}_1 1 \bar{w}_m}{}_{\bar{w}_1 1 \bar{w}_m} \overbrace{V_1 \cdot\cdot V_m} = \overset{2}{\overline{w_1 - 1}}\, \overset{2}{\overline{w_1 - w_m}}\, \overset{2}{\overline{1 - w_m}} \int\limits_{dw_3 \cdot\cdot dw_{m-1}}^{1 > \overline{w_3} > \cdot\cdot > \overline{w_{m-1}} > 0}$$

$$\Omega | \frac{{}^{w_1}V_1}{w_1} \frac{V_2}{1} \frac{{}^{w_3}V_3}{w_3} \cdot\cdot \frac{{}^{w_{m-1}}V_{m-1}}{w_{m-1}} \frac{{}^{w_m}V_m}{w_m} \Omega \bar{\Omega} | \frac{{}^{\bar{w}_1}\bar{V}_1}{\bar{w}_1} \frac{\bar{V}_2}{1} \frac{{}^{\bar{w}_3}\bar{V}_3}{\bar{w}_3} \cdot\cdot \frac{{}^{\bar{w}_{m-1}}\bar{V}_{m-1}}{\bar{w}_{m-1}} \frac{{}^{\bar{w}_m}\bar{V}_m}{\bar{w}_m} \bar{\Omega} = \overset{2}{\overline{1 - 1/w_1}}\, \overset{2}{\overline{1 - w_m/w_1}}\, \overset{2}{\overline{1 - w_m}}\, \underbrace{\Omega | {w_1}^{w_1} V_1}_{\searrow \Phi_1} \underbrace{\bar{\Omega} | {\bar{w}_1}^{\bar{w}_1} V_1}_{\searrow \bar{\Phi}_1}$$

$$\int\limits_{dw_3 \cdot\cdot dw_{m-1}}^{1 > \overline{w_3} > \cdot\cdot > \overline{w_{m-1}} > 0} V_2 \boxtimes \bar{V}_2 \frac{{}^{w_3}V_3}{w_3} \boxtimes \frac{{}^{\bar{w}_3}\bar{V}_3}{\bar{w}_3} \cdot\cdot \frac{{}^{w_{m-1}}V_{m-1}}{w_{m-1}} \boxtimes \frac{{}^{\bar{w}_{m-1}}\bar{V}_{m-1}}{\bar{w}_{m-1}} \underbrace{{}^{w_m}V_m \Omega / w_m}_{\searrow \Phi_m} \underbrace{{}^{\bar{w}_m}\bar{V}_m \bar{\Omega} / \bar{w}_m}_{\searrow \bar{\Phi}_m}$$

$$\searrow \int\limits_{dw_3 \cdot\cdot dw_{m-1}}^{1 > \overline{w_3} > \cdot\cdot > \overline{w_{m-1}} > 0} \Phi_1 | V_2 \boxtimes \bar{V}_2 \frac{{}^{w_3}V_3}{w_3} \boxtimes \frac{{}^{\bar{w}_3}\bar{V}_3}{\bar{w}_3} \cdot\cdot \frac{{}^{w_{m-1}}V_{m-1}}{w_{m-1}} \boxtimes \frac{{}^{\bar{w}_{m-1}}\bar{V}_{m-1}}{\bar{w}_{m-1}} \Phi_m$$

$$= \int\limits_{dz_3}^{\mathbb{B}} \cdot\cdot \int\limits_{dz_{m-1}}^{\mathbb{B}} \Phi_1 | V_2 \boxtimes \bar{V}_2 \frac{{}^{z_3}V_3}{z_3} \boxtimes \frac{{}^{\bar{z}_3}\bar{V}_3}{\bar{z}_3} \frac{{}^{z_3 z_4}V_4}{z_4} \boxtimes \frac{{}^{\bar{z}_3 \bar{z}_4}\bar{V}_4}{\bar{z}_4} \cdot\cdot \frac{{}^{z_3 \cdot\cdot z_{m-1}}V_{m-1}}{z_{m-1}} \boxtimes \frac{{}^{\bar{z}_3 \cdot\cdot \bar{z}_{m-1}}\bar{V}_{m-1}}{\bar{z}_{m-1}} \Phi_m$$

$$= \int\limits_{dz_3}^{\mathbb{B}} \cdot\cdot \int\limits_{dz_{m-1}}^{\mathbb{B}} \Phi_1 | V_2 \boxtimes \bar{V}_2 \, z_3^L \boxtimes \bar{z}_3^{\bar{L}} \frac{V_3}{z_3} \boxtimes \frac{\bar{V}_3}{\bar{z}_3} \, z_3^{-L} \boxtimes \bar{z}_3^{-\bar{L}} \, \overbrace{z_3 z_4}^{L} \boxtimes \overbrace{\bar{z}_3 \bar{z}_4}^{\bar{L}} \frac{V_4}{z_4} \boxtimes \frac{\bar{V}_4}{\bar{z}_4} \, \overbrace{z_3 z_4}^{-L} \boxtimes \overbrace{\bar{z}_3 \bar{z}_4}^{-\bar{L}}$$

$$\cdot\cdot \overbrace{z_3 \cdot\cdot z_{m-1}}^{L} \boxtimes \overbrace{\bar{z}_3 \cdot\cdot \bar{z}_{m-1}}^{\bar{L}} \frac{V_{m-1}}{z_{m-1}} \boxtimes \frac{\bar{V}_{m-1}}{\bar{z}_{m-1}} \overbrace{z_3 \cdot\cdot z_{m-1}}^{-L} \boxtimes \overbrace{\bar{z}_3 \cdot\cdot \bar{z}_{m-1}}^{-\bar{L}} \bar{\Phi}_m$$

$$= \int\limits_{dz_3}^{\mathbb{B}} \cdot\cdot \int\limits_{dz_{m-1}}^{\mathbb{B}} \Phi_1 | V_2 \boxtimes \bar{V}_2 \, z_3^L \boxtimes \bar{z}_3^{\bar{L}} \frac{V_3}{z_3} \boxtimes \frac{\bar{V}_3}{\bar{z}_3} \, z_4^L \boxtimes \bar{z}_4^{\bar{L}} \frac{V_4}{z_4} \boxtimes \frac{\bar{V}_4}{\bar{z}_4} \cdot\cdot z_{m-1}^L \boxtimes \bar{z}_{m-1}^{\bar{L}} \frac{V_{m-1}}{z_{m-1}} \boxtimes \frac{\bar{V}_{m-1}}{\bar{z}_{m-1}} \overbrace{z_3 \cdot\cdot z_{m-1}}^{-1} \overbrace{\bar{z}_3 \cdot\cdot \bar{z}_{m-1}}^{-1} \Phi_m$$

$$= \int\limits_{dz_3}^{\mathbb{B}} \cdot\cdot \int\limits_{dz_{m-1}}^{\mathbb{B}} \Phi_1 | V_2 \boxtimes \bar{V}_2 \, z_{\overline{3}}^{L-2} \boxtimes \bar{z}_3^{\bar{L}-2} V_3 \boxtimes \bar{V}_3 \, z_{\overline{4}}^{L-2} \boxtimes \bar{z}_4^{\bar{L}-2} V_4 \boxtimes \bar{V}_4 \cdot\cdot z_{\overline{m-1}}^{L-2} \boxtimes \bar{z}_{m-1}^{\bar{L}-2} {}_{m-1}V \boxtimes {}_{m-1}\bar{V} \Phi_m = \text{RHS}$$

$$\overline{z} \leqslant 1 \leqslant \overline{w}$$

$$\Omega_1 \blacktriangledown \underbrace{{}_2V\Delta_3V}_{\searrow} \Omega_4 = dz d\bar{z}\, \Omega_1 \blacktriangledown {}_2V \frac{{}^{z\bar{z}}_3V}{z\bar{z}}\, \Omega_4 + dw d\bar{w}\, \Omega_1 \blacktriangledown \frac{{}^{w\bar{w}}_3V}{w\bar{w}}\, {}_2V\, \Omega_4$$

$$\text{RHS} = \frac{dzd\bar{z}}{z\bar{z}}\, \Omega_1 \blacktriangledown {}_2V\, {}^{z\bar{z}}_3V\, \Omega_4 + \frac{dwd\bar{w}}{w\bar{w}}\, \Omega_1 \blacktriangledown {}^{w\bar{w}}_3V\, {}_2V\, \Omega_4$$

$$= \frac{dzd\bar{z}}{z\bar{z}}\, \Omega_1 \blacktriangledown {}_2V\, z^L\, \bar{z}^{\bar{L}}\, {}_3V\, z^{-L}\, \bar{z}^{-\bar{L}}\, \Omega_4 + \frac{dwd\bar{w}}{w\bar{w}}\, \Omega_1 \blacktriangledown w^L\, \bar{w}^{\bar{L}}\, {}_3V\, w^{-L}\, \bar{w}^{-\bar{L}}\, {}_2V\, \Omega_4$$

$$= \frac{dzd\bar{z}}{z\bar{z}}\, \Omega_1 \blacktriangledown {}_2V\, z^L\, \bar{z}^{\bar{L}}\, {}_3V\, z^{-1}\, \bar{z}^{-1}\, \Omega_4 + \frac{dwd\bar{w}}{w\bar{w}}\, \Omega_1 \blacktriangledown w\, \bar{w}\, {}_3V\, w^{-L}\, \bar{w}^{-\bar{L}}\, {}_2V\, \Omega_4$$

$$= \frac{dzd\bar{z}}{z\bar{z}}\, \Omega_1 \blacktriangledown {}_2V\, z^L\, \bar{z}^{\bar{L}}\, {}_3V\, z^{-1}\, \bar{z}^{-1}\, \Omega_4 + \frac{dzd\bar{z}}{z\bar{z}}\, \Omega_1 \blacktriangledown z^{-1}\, \bar{z}^{-1}\, {}_3V\, z^L\, \bar{z}^{\bar{L}}\, {}_2V\, \Omega_4$$

$$= \frac{dzd\bar{z}}{z\bar{z}}\, \Omega_1 \blacktriangledown {}_2V\, z^{L-1}\, \bar{z}^{\bar{L}-1}\, {}_3V\, \Omega_4 + \frac{dzd\bar{z}}{z\bar{z}}\, \Omega_1 \blacktriangledown {}_3V\, z^{L-1}\, \bar{z}^{\bar{L}-1}\, {}_2V\, \Omega_4$$

$$= \Omega_1 \blacktriangledown {}_2V\, \Delta\, {}_3V\, \Omega_4 + \Omega_1 \blacktriangledown {}_3V\, \Delta\, {}_2V\, \Omega_4 = \text{ LHS}$$

$$\Omega \blacktriangledown \underbrace{{}_1V\Delta_2V\Delta \cdot\cdot \Delta_mV}_{\searrow} \Omega = d\,z^1\, d\,\bar{z}^1 \cdot\cdot d\,z^i\, d\,\bar{z}^i \cdot\cdot d\,z^j\, d\,\bar{z}^j \cdot\cdot d\,z^k\, d\,\bar{z}^k \cdot\cdot d\,z^m\, d\,\bar{z}^m \overbrace{z^i - z^j}^{2} \overbrace{z^i - z^k}^{2} \overbrace{z^j - z^k}^{2}$$

$$\Omega \blacktriangledown \underbrace{\frac{{}^{z^1\bar{z}^1}_1V}{z^1\bar{z}^1} \cdot\cdot \frac{{}^{z^i\bar{z}^i}_iV}{z^i\bar{z}^i} \cdot\cdot \frac{{}^{z^j\bar{z}^j}_jV}{z^j\bar{z}^j} \cdot\cdot \frac{{}^{z^k\bar{z}^k}_kV}{z^k\bar{z}^k} \cdot\cdot \frac{{}^{z^m\bar{z}^m}_mV}{z^m\bar{z}^m}}_{\searrow} \Omega$$

$$\overbrace{\underline{Z} - 1}\, \Omega_1 = 0 = \overbrace{\underline{Z} - 1}\, \Omega_m$$

$$\Omega_1 = \lim_{{}_{y_1} \searrow \infty} y_1^{-{}^{y_1}} V_1\, \Omega$$

$$\Omega_m = \lim_{{}_{y_m} \searrow 0} \bar{y}_m^{-1}\, {}^{y_m}V_m\, \Omega$$

$$\Omega_1 \blacktriangledown V_2\, \overbrace{\underline{Z} - 1}^{-}\, V_2\, \overbrace{\underline{Z} - 1}^{-} \cdots \overbrace{\underline{Z} - 1}^{-}\, V_{m-1}\, \Omega_m$$

$$= \Omega_1 \blacktriangledown V_2 \int_{dz_3}^{0|1} z_{\bar{3}}^{Z-1}\, V_3 \int_{dz_4}^{0|1} z_{\bar{4}}^{Z-1}\, V_4 \cdots \int_{dz_{m-1}}^{0|1} z_{\overline{m-1}}^{Z-1}\, V_{m-1}\, \Omega_m$$

$$= \int\limits_{dz_3}^{0|1} \int\limits_{dz_4}^{0|1} \cdots \int\limits_{dz_{m-1}}^{0|1} \Omega_1 \curlywedge V_2 \, z_3^{Z-1} \, V_3 \, z_4^{Z-1} \, V_4 \cdots z_{m-1}^{Z-1} \, V_{m-1} \, \Omega_m$$

$$= \int\limits_{dz_3/z_3}^{0|1} \int\limits_{dz_4/z_4}^{0|1} \cdots \int\limits_{dz_{m-1}/z_{m-1}}^{0|1} \Omega_1 \curlywedge {}^{1}V_2 \, {}^{z_3}V_3 \, {}^{z_3 z_4}V_4 \cdots {}^{z_3 z_4 \cdots z_{m-1}}V_{m-1} \, \Omega_m$$

$$= \int\limits_{dy_i/y_i}^{1 = y_2 \geqslant y_3 \geqslant y_4 \geqslant \cdots \geqslant y_{m-1}} \Omega_1 \curlywedge {}^{y_2}V_2 \, {}^{y_3}V_3 \, {}^{y_4}V_4 \cdots {}^{y_{m-1}}V_{m-1} \, \Omega_m$$

$$\Omega \curlywedge \frac{{}^{z_1}V}{z_1} \cdots \frac{{}^{z_m}V}{z_m} \Omega$$

Fadeev-Popov gauge fixing : $\quad 1 \leqslant i < j < k \leqslant m: \quad \infty \geqslant a > b > c \geqslant 0$

$$d\mu_{i:j:k}^{a:b:c}\left(z_1 \cdot\cdot z_{m-3}\right)$$

$$= \overbrace{a-b}^{2} \, \overbrace{a-c}^{2} \, \overbrace{b-c}^{2} \int\limits_{dz_1 d\bar{z}_1 \cdot\cdot dz_{m-3} d\bar{z}_{m-3}}$$

$$d\mu_{1:2:m}^{\infty:1:0}\left(z_1 \cdot\cdot z_{m-3}\right) = \overbrace{a-b}^{2} \, \overbrace{a-c}^{2} \, \overbrace{b-c}^{2} \int\limits_{dz_1 d\bar{z}_1 \cdot\cdot dz_{m-3} d\bar{z}_{m-3}}$$