```
= 4 Re D' (4 (D (1) 0 Re (D4) - Cole (D4))
                                       I might holo morph da
V reduently abor might konstnit
                  DIM 4 F(4) = -41m B (4 (B4) - 6) o Re (B4) + 4 Re B (4 (B4) - 6) o In (B4)
                  = -4 lm D7 (4, (D4) - Cope (B4)) +4 le B7 (4, (B4) -60 lm (B4))
\left( \nabla_{Re4} F(4), \nabla_{lm} \varphi F(4) \right) = 4 Re B^{T} \left( \varphi_{1}(B4), \varphi_{2}(B4) \right) - \left( GoRe(B4), Go(lm(B4)) \right)
                                   + 4 lm BT [(42 (B4), -4, (B4)) - (6 0 lm (B4), - 6 0 Re(B4))]
Quy F (4)+i Q m 4 F (4) = 4 Re B [ 4, (B4)+i4, (B4) - Gol4]
                                 + 4 1m 0 [-i (4, (04) + i4, (B4)) - 6 6 (-i B4)]
       = 4 Re B [ 4, (B4) + i (B4) - G 0 84]
           - i4 m & [ 4, (84) +i4, (84) - G0 84)
        = 2 \frac{1}{0} \left[ \psi_3 \left( \beta \psi \right) - 2G c \beta \psi \right] = \psi'(z)
        4=121 (4 = 1 (0 4 2 1 - Gh | Dh; 2 124 2 ) = 1
\psi^{h+1} = \rho r \partial x_{\tau_h} R \left( \psi^h - \tau_h \nabla D(\psi^h) \right) \left[ \psi(a_i l) = a^{l_i + l_i^{\tau}} \right] = \sum_{\ell=1}^{m} \overline{D_{\ell_i}} \delta_{\ell_i} \psi_{\ell} = (\overline{U_{\ell_i}} \otimes U_{\ell_i}) \psi_{\ell_i}
= \partial_{1} \psi = 2 1 \quad \partial_{1} \psi = 2 l \quad \partial_{1} \psi = 2 l \quad (\overline{U_{\ell_i}} \otimes U_{\ell_i}) \psi_{\ell_i}
                   => xy = (Rex Rey - Imx Iny) + i (Rex Imy + Imx Rey)
                    =) ) (xy) = lexxi |mx = x
                         Jing (xg) = - Imx + i Rex = it los + i Ree = ix
\psi(z) := |z| = \sqrt{\frac{1}{Rez^2 + \ln z^2}} = \int d^{-1} \psi(z) = \frac{1}{2|z|} \sqrt{\frac{\ln z}{2|z|}} = \frac{1}{2|z|} \sqrt{\frac{\ln z}{2|z|}}
```

$$= \sum_{i=1}^{N} y(2) \cdot y'(2) = |2| \cdot \frac{2}{(2i)} = 2$$

$$= \sum_{j=1}^{N} |y(A_j y) - G_j|^2 = \sum_{j=1}^{N} \sum_{i=1}^{N} (|(A_j y)_i|^2 - G_j)^2$$

$$= (A_j^i, y^i)$$

$$\frac{\varphi'(z) = \frac{z}{|z|}}{|z|}$$

$$= \frac{|\varphi'(z) - \varphi'(y)|}{|z|} = \frac{|\varphi'(z) - \varphi'(y)|}{|z|} = \frac{|\varphi'(z)|}{|z|} = \frac{|\varphi'(z)|}{|z|} = \frac{|\varphi'(z)|}{|z|} = \frac{|\varphi'(z)|}{|z|} = \frac{|\varphi'(z)|}{|z|} = \frac{|\varphi'(z)|}{|z|} + \frac{|\varphi'(z)|}{|z|} = \frac{|\varphi'(z)|}{|z|} =$$

$$f_{\bar{z}} = \frac{1}{2} (f_{K} + i f_{\eta}) , f_{\bar{z}} = \frac{1}{2} (f_{K} + i f_{\eta})$$

$$f_{rec}(=) f_{\bar{z}} = f_{\bar{z}}$$

$$\varphi(z) = \begin{cases} \frac{1}{2} |z_{1}|^{2} & |z_{1}| \leq 8 \\ 8(|z_{1}| - \frac{1}{2} |s_{1}|^{2}) & |z_{1}| \leq 8 \end{cases}$$

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