







 $\psi \circ f \circ \varphi_{1}^{-1}(u) = (\psi \circ f \circ \varphi^{-1})(\varphi \circ \varphi_{1}^{-1}(u))$   $= \psi \circ f \circ \varphi^{-1}$ 

 $[h(z)]^k = \psi \circ f \circ \varphi^{-1}(z) = z^k g(z) = \varphi \circ \varphi^{-1}(z)$ 

黎曼田面上的解析几何

