

$${}^z\eta = \sum_{n \geq 0} \frac{\cos nz}{2^n} \text{ hol in } \frac{z = x + iy}{|y| < \ln 2}: \quad |\overline{\cos z}| \leq e^{|y|}$$

$${}^x\eta = 2 \frac{2 - \cos x}{5 - 4 \cos x} \Rightarrow {}^z\hat{\eta} = 2 \frac{2 - \cos z}{5 - 4 \cos z} \text{ mero Fortsetzung on } \mathbb{C} \text{ where Pole}$$