Sea
$$A = \{z \in \mathbb{C} \mid |e^{-z}| \le R < 3\} = \{z = x + iy \in \mathbb{C} \mid e^{x} \le R < 3\} = \{z = x + iy \in \mathbb{C} \mid x > ln(\frac{1}{R}) > ln(\frac{1}{3})\} = \{z = x + iy \in \mathbb{C} \mid x > k > ln(\frac{1}{3})\}$$

Si ZeA

Por el Criterio M de Weierstrass Zenz converge uniformemente