

I. E. S. " SAN ISIDRO

Calificación

pellidos Nombi

e) $f(z) = e^{\frac{1}{12}} = e^{\frac{1}{12}} = e^{\frac{1}{12}}$ f(0) = e $f'(z) = e^{\frac{1}{12}} \cdot (-1) \cdot (1-z)^{-2} \cdot (-1) = e^{\frac{1}{12}} \cdot (1-z)^{-2} \cdot f'(0) = e$ $f''(z) = e^{\frac{1}{12}} \cdot (1-z)^{-2} \cdot (1-z)^{-2} + e^{\frac{1}{12}} \cdot (1-z)^{-3} \cdot (-2) \cdot (-1) =$ $= e^{\frac{1}{12}} \cdot (1-z)^{-4} + 2e^{\frac{1}{12}} \cdot (1-z)^{-3} \cdot f''(0) = 3e$ $f''''(z) = e^{\frac{1}{12}} \cdot (1-z)^{-4} + 2e^{\frac{1}{12}} \cdot (1-z)^{-3} \cdot f''(0) = 3e$ $f'''''(z) = e^{\frac{1}{12}} \cdot (1-z)^{-2} \cdot (1-z)^{-4} + e^{\frac{1}{12}} \cdot (1-z)^{-5} \cdot (-4) \cdot (-1) =$ $= e^{\frac{1}{12}} \cdot (1-z)^{-4} \cdot (1-z)^{-2} \cdot (1-z)^{-3} \cdot + 2e^{\frac{1}{12}} \cdot (1-z)^{-4} \cdot (-3)(-1) =$ $= e^{\frac{1}{12}} \cdot (1-z)^{-6} + 4e^{\frac{1}{12}} \cdot (1-z)^{-5} + 2e^{\frac{1}{12}} \cdot (1-z)^{-5} + 6e^{\frac{1}{12}} \cdot (1-z)^{-4} \cdot$