Quizt2 — of solution
$$f(z) = \begin{cases} \frac{2^{2}}{2^{2}} = \frac{1}{12!^{2}} \frac{2^{3}}{2^{3}} = \frac{1}{(n^{2}+3ny^{2})+i} \frac{1}{(3n^{2}+y^{3})} \\ 0, z = 0 = \frac{1}{4} \frac{1}{(3n^{2}+3ny^{2})+i} \frac{1}{(3n^{2}+y^{3})} \\ \frac{1}{4} \frac{1}{(3n^{2}+3y^{2}) - \frac{2n}{4^{2}} \cdot (n^{2}+3ny^{2})}{2n^{2}} = \frac{1}{4} \frac{1}{(3n^{2}+3y^{2}) - \frac{2n}{4^{2}} \cdot (n^{2}+3ny^{2})}{2n^{2}} \\ = \frac{1}{4} \frac{1}{(3n^{2}+3y^{2}) - \frac{2n}{4^{2}} \cdot (n^{2}+3ny^{2})}{2n^{2}} = \frac{1}{4} \frac{1}{(3n^{2}+3ny^{2}) - \frac{2n}{4^{2}} \cdot (n^{2}+3ny^{2})}{2n^{2}} \\ = \frac{1}{4} \frac{1}{(3n^{2}+3y^{2}+6n^{2}y^{2}-2y^{4})}{2n^{2}} \\ = \frac{1}{4} \frac{1}{(3n^{2}+6n^{2}y^{2}-2n^{4})}{2n^{2}} \\ = \frac{1}{4} \frac{1}{(3n^{2}+6n^{2}y^{2}-2n^{4})}{2n^{2}} \\ = \frac{1}{4} \frac{1}{(6n^{2}y+6ny^{2}-2ny^{2})}{2n^{2}} \\ = \frac{1}{4} \frac{1}{(6n^{2}y+6ny^{2}-2ny^{2})}{2n^{2}} \\ = \frac{1}{4} \frac{1}{(6n^{2}y+6ny^{2}-2ny^{2})}{2n^{2}} \\ = \frac{1}{4} \frac{1}{(6n^{2}y+6ny^{2}+6n^{2}y-2ny^{2})}{2n^{2}} \\ = \frac{1}{4} \frac{1}{(6n^{2}y+6ny^{2}+6ny^{2}-2ny^{2})}{2n^{2}} \\ = \frac{1}{4} \frac{1}{(6n^{2}y+6ny^{2}-2ny^{2})}{2n^{2}} \\ = \frac{1}{4} \frac{1}{(6n$$