## Complex Analysis - Part 15



$$k = -1$$

## is called the residue of the Laurent series. ۵\_1

The Laurent series is a holomorphic function on 
$$\int \mathcal{Z} \in \mathbb{C} \left[ \Gamma_{2} < |\mathcal{Z} - \mathcal{Z}_{0} \right] < \Gamma_{1}$$