

# Baron Augustin-Louis Cauchy 1798-1875



Complex Functions  
Rigorous proofs in function theory ( $\epsilon$ - $\delta$ )

Cauchy integral:

$$\oint_C f(z) dz = 0,$$

$$f(a) = \frac{1}{2\pi i} \oint_C \frac{f(z)}{z - a} dz,$$