

$$(1) \quad \frac{1}{2\pi i} \oint_{\Gamma} f(\zeta) d\zeta$$

$$(2) \quad \frac{1}{2\pi i} \oint_{\Gamma} \frac{f(\zeta)}{\zeta - z} d\zeta$$

$$(3) \quad \frac{n!}{2\pi i} \oint_{\Gamma} \frac{f(\zeta)}{(\zeta - z')^{n+1}} d\zeta$$

