

$f(z)$	$z = u + 1/u + 2$	order of u
z	$(u + 1)^2/u$	1
$z + 1$	$(u^2 + u + 1)/u$	3
$z^2 + z + 1$	$(u^4 + u^3 + u^2 + u + 1)/u^2$	5