

$3_1$	$\frac{1-T+T^2}{T}$	$\frac{(-1+T)^2 (1+T^2)}{T^2}$
$4_1$	$-\frac{1-3T+T^2}{T}$	$0$
$5_1$	$\frac{1-T+T^2-T^3+T^4}{T^2}$	$\frac{(-1+T)^2 (1+T^2) (2+T^2+2T^4)}{T^4}$
$5_2$	$\frac{2-3T+2T^2}{T}$	$\frac{(-1+T)^2 (5-4T+5T^2)}{T^2}$
$6_1$	$-\frac{(-2+T)(-1+2T)}{T}$	$\frac{(-1+T)^2 (1-4T+T^2)}{T^2}$
$6_2$	$-\frac{1-3T+3T^2-3T^3+T^4}{T^2}$	$\frac{(-1+T)^2 (1-4T+4T^2-4T^3+4T^4-4T^5+T^6)}{T^4}$
$6_3$	$\frac{1-3T+5T^2-3T^3+T^4}{T^2}$	$0$