

$\mu \setminus \lambda$	[7]	[6, 1]	[5, 2]
[7]	1	$q + q^3 + q^5 + q^6 + q^2 + q^4$	$q^3 + 2q^5 + 2q^6 + q^2 + 2q^4 + 2q^7 + 2q^8 + q^9 + q^{10}$
[6, 1]	1	$q^5 + t + q^3 + q + q^2 + q^4$	$q^8 + q^7 + 2q^6 + 2q^5 + qt + q^2t + q^3t + q^3 + q^2 + 2q^4 + q^4t$
[5, 2]	1	$qt + q^4 + q^3 + q^2 + q + t$	$q^6 + 2q^5 + 2q^2t + qt + 2q^3t + q^4t + 2q^4 + q^3 + q^2 + t^2$
[5, 1, 1]	1	$t^2 + q^4 + t + q^3 + q^2 + q$	$q^4t + q^5 + qt^2 + t^2 + 2q^4 + q^6 + qt + q^2t^2 + q^3t^2 + q^2t + q^3t + q^3 + q^2$
[4, 3]	1	$q^3 + t + qt + q^2t + q^2 + q$	$2q^3t + 2q^4 + q^4t + t^2 + q^3 + q^5 + qt^2 + q^2t^2 + qt + 2q^2t + q^2$
[4, 2, 1]	1	$q^3 + q^2 + q + qt + t^2 + t$	$2q^4 + t^3 + 2q^3t + q^3 + q^2 + q^2t^2 + 2q^2t + qt + 2qt^2 + t^2$
[4, 1, 1, 1]	1	$t^3 + t^2 + t + q^3 + q + q^2$	$t^3 + q^2t^3 + qt^3 + qt^2 + t^4 + q^3t^2 + q^2t^2 + t^2 + q^3 + q^2t + qt + q^3t + q^2 + q^4$
[3, 3, 1]	1	$t^2 + qt + q^2t + t + q^2 + q$	$t^2 + 2q^2t^2 + 2qt^2 + qt + t^3 + qt^3 + q^3t + 2q^2t + q^2 + q^3 + q^4$
[3, 2, 2]	1	$qt^2 + t^2 + t + qt + q + q^2$	$t^3 + qt^3 + 2qt^2 + t^4 + 2q^2t^2 + t^2 + q^3 + 2q^2t + qt + q^3t + q^2$
[3, 2, 1, 1]	1	$t^3 + t^2 + t + qt + q^2 + q$	$2t^4 + q^3 + 2qt^3 + t^3 + t^2 + q^2t^2 + 2qt^2 + qt + 2q^2t + q^2$
[3, 1, 1, 1, 1]	1	$q^2 + t^4 + q + t^3 + t^2 + t$	$qt^4 + t^5 + q^2t + q^2 + 2t^4 + t^6 + qt + q^2t^2 + q^2t^3 + qt^2 + qt^3 + t^3 + t^2$
[2, 2, 2, 1]	1	$t^3 + q + qt + qt^2 + t^2 + t$	$2qt^3 + 2t^4 + qt^4 + q^2 + t^3 + t^5 + q^2t + q^2t^2 + qt + 2qt^2 + t^2$
[2, 2, 1, 1, 1]	1	$qt + t^4 + t^3 + t^2 + t + q$	$t^6 + 2t^5 + 2qt^2 + qt + 2qt^3 + qt^4 + 2t^4 + t^3 + t^2 + q^2$
[2, 1, 1, 1, 1, 1]	1	$t^5 + q + t^3 + t + t^2 + t^4$	$t^8 + t^7 + 2t^6 + 2t^5 + qt + qt^2 + qt^3 + t^3 + t^2 + 2t^4 + qt^4$
[1, 1, 1, 1, 1, 1, 1]	1	$t + t^3 + t^5 + t^6 + t^2 + t^4$	$t^3 + 2t^5 + 2t^6 + t^2 + 2t^4 + 2t^7 + 2t^8 + t^9 + t^{10}$

[5, 1, 1]

$$\begin{aligned}
& q^3 + 2q^5 + 2q^6 + q^4 + 3q^7 + 2q^8 + 2q^9 + q^{10} + q^{11} \\
& q^9 + q^5t + q^8 + 2q^7 + 2q^6 + 2q^5 + qt + q^2t + q^3t + q^3 + q^4 + q^4t \\
& q^5t + q^6 + qt^2 + 2q^5 + q^7 + 2q^2t + qt + 2q^3t + 2q^4t + q^4 + q^3 \\
& q^4t + q^7 + 2q^5 + qt^2 + q^4 + q^6 + qt + q^2t^2 + q^4t^2 + t^3 + q^3t^2 + q^2t + q^3t + q^3 \\
& 3q^3t + q^4 + 2q^4t + q^3 + q^5t + q^5 + qt^2 + q^3t^2 + q^2t^2 + qt + 2q^2t \\
& q^4 + t^3 + q^4t + 2q^3t + q^5 + q^3t^2 + q^3 + qt^3 + q^2t^2 + 2q^2t + qt + 2qt^2 \\
& t^3 + t^5 + q^2t^3 + qt^3 + qt^2 + t^4 + q^3t^3 + q^3t^2 + q^2t^2 + q^3 + q^5 + q^2t + qt + q^3t + q^4 \\
& 2q^2t^2 + 2qt^2 + qt + t^3 + q^3t^2 + q^2t^3 + qt^3 + 2q^3t + 2q^2t + q^4t + q^3 \\
& t^3 + q^2t^3 + 2qt^3 + 2qt^2 + qt^4 + q^3t^2 + 2q^2t^2 + q^3 + 2q^2t + qt + q^3t \\
& t^4 + q^3 + qt^4 + 2qt^3 + t^5 + q^2t^3 + t^3 + q^3t + q^2t^2 + 2qt^2 + qt + 2q^2t \\
& qt^4 + t^7 + 2t^5 + q^2t + t^4 + t^6 + qt + q^2t^2 + q^2t^4 + q^3 + q^2t^3 + qt^2 + qt^3 + t^3 \\
& 3qt^3 + t^4 + 2qt^4 + t^3 + qt^5 + t^5 + q^2t + q^2t^3 + q^2t^2 + qt + 2qt^2 \\
& qt^5 + t^6 + q^2t + 2t^5 + t^7 + 2qt^2 + qt + 2qt^3 + 2qt^4 + t^4 + t^3 \\
& t^9 + qt^5 + t^8 + 2t^7 + 2t^6 + 2t^5 + qt + qt^2 + qt^3 + t^3 + t^4 + qt^4 \\
& t^3 + 2t^5 + 2t^6 + t^4 + 3t^7 + 2t^8 + 2t^9 + t^{10} + t^{11}
\end{aligned}$$

[4, 3]

$$\begin{aligned}
& q^3 + q^5 + 2q^6 + q^4 + 2q^7 + 2q^8 + 2q^9 + q^{10} + q^{12} + q^{11} \\
& q^9 + q^6t + q^5t + q^8 + 2q^7 + 2q^6 + q^5 + q^2t + q^3t + q^3 + q^4 + q^4t \\
& q^5t + 2q^6 + q^2t^2 + qt^2 + q^5 + q^7 + q^2t + 2q^3t + 2q^4t + q^4 + q^3 \\
& q^4t + q^5 + q^5t + qt^2 + q^4 + q^6t + q^6 + 2q^2t^2 + q^4t^2 + q^3t^2 + q^2t + q^3t + q^3 \\
& 2q^3t + q^6 + q^4 + 2q^4t + q^3 + q^5t + q^5 + t^3 + qt^2 + q^3t^2 + q^2t^2 + q^2t \\
& q^4 + t^3 + q^4t + 2q^3t + q^5 + q^3t^2 + q^3 + qt^3 + 3q^2t^2 + q^2t + qt^2 \\
& t^3 + q^2t^3 + qt^3 + qt^2 + q^2t^4 + qt^4 + q^3t^2 + 2q^2t^2 + q^4t^2 + q^3 + q^2t + q^3t + q^4t \\
& t^4 + 2q^2t^2 + qt^2 + t^3 + q^3t^2 + q^2t^3 + qt^3 + 2q^3t + q^2t + q^4t + q^3 + q^4 \\
& t^3 + q^2t^3 + 2qt^3 + qt^2 + t^4 + qt^4 + q^3t^2 + 2q^2t^2 + q^3 + q^2t + q^3t + q^4 \\
& t^4 + q^3 + qt^4 + 2qt^3 + t^5 + q^2t^3 + t^3 + q^3t + 3q^2t^2 + qt^2 + q^2t \\
& qt^4 + t^5 + qt^5 + q^2t + t^4 + qt^6 + t^6 + 2q^2t^2 + q^2t^4 + q^2t^3 + qt^2 + qt^3 + t^3 \\
& 2qt^3 + t^6 + t^4 + 2qt^4 + t^3 + qt^5 + t^5 + q^3 + q^2t + q^2t^3 + q^2t^2 + qt^2 \\
& qt^5 + 2t^6 + q^2t^2 + q^2t + t^5 + t^7 + qt^2 + 2qt^3 + 2qt^4 + t^4 + t^3 \\
& t^9 + qt^6 + qt^5 + t^8 + 2t^7 + 2t^6 + t^5 + qt^2 + qt^3 + t^3 + t^4 + qt^4 \\
& t^3 + t^5 + 2t^6 + t^4 + 2t^7 + 2t^8 + 2t^9 + t^{10} + t^{12} + t^{11}
\end{aligned}$$

[4, 2, 1]

$$2q^5 + 3q^6 + q^4 + 4q^7 + 5q^8 + 5q^9 + 5q^{10} + 3q^{12} + q^{14} + 2q^{13} + 4q^{11}$$

$$2q^{10} + 3q^9 + q^{11} + 3q^6t + 3q^5t + 2q^7t + q^8t + 4q^8 + 4q^7 + 3q^6 + 2q^5 + q^2t + 2q^3t + q^4 + 3q^4t$$

$$5q^5t + 2q^8 + 3q^6 + 3q^6t + 2q^2t^2 + qt^2 + 2q^5 + q^7t + 3q^7 + q^2t + 2q^3t^2 + q^4t^2 + 3q^3t + 5q^4t + q^4$$

$$3q^4t + q^7t + 2q^7 + 2q^5 + 3q^5t + qt^2 + q^4 + 2q^6t + q^8 + 2q^6 + qt^3 + 2q^2t^2 + 3q^4t^2 + q^6t^2 + 2q^5t^2 + 3q^3t^2 + q^2t + 2q^3t + q^2t^3 + q^3t^3$$

$$3q^3t + 2q^6t + 2q^6 + q^4 + 5q^4t + 4q^5t + q^7 + 2q^5 + qt^2 + 4q^3t^2 + q^5t^2 + 3q^4t^2 + 3q^2t^2 + q^2t + qt^3 + q^2t^3$$

$$q^4 + q^6 + 2q^4t^2 + 5q^4t + 3q^3t + 2q^5 + 2q^5t + q^3t^3 + 5q^3t^2 + 3qt^3 + 4q^2t^2 + q^2t + 3q^2t^3 + qt^2 + t^4$$

$$t^5 + q^2t^5 + q^3t^4 + 3q^2t^3 + 2qt^3 + qt^2 + t^4 + 3q^3t^3 + q^4t^3 + 2q^2t^4 + 2qt^4 + 3q^3t^2 + 2q^2t^2 + 2q^4t^2 + qt^5 + q^5t^2 + q^5 + q^2t + 2q^3t + q^5t + 2q^4t + q^4$$

$$t^4 + q^2t^4 + 2q^3t^3 + 4q^2t^2 + qt^2 + 5q^3t^2 + 2q^4t^2 + 4q^2t^3 + 3qt^3 + 3q^3t + q^2t + 3q^4t + 2qt^4 + q^5t + q^5 + q^4$$

$$t^5 + 5q^2t^3 + 3qt^3 + qt^2 + t^4 + 2q^3t^3 + 2q^2t^4 + 3qt^4 + 4q^3t^2 + 4q^2t^2 + q^4t^2 + qt^5 + q^2t + 3q^3t + 2q^4t + q^4$$

$$t^4 + t^6 + 2q^2t^4 + 5qt^4 + 3qt^3 + 2t^5 + 2qt^5 + q^3t^3 + 5q^2t^3 + 3q^3t + 4q^2t^2 + qt^2 + 3q^3t^2 + q^2t + q^4$$

$$3qt^4 + t^7q + 2t^7 + 2t^5 + 3qt^5 + q^2t + t^4 + 2qt^6 + t^8 + 2t^6 + q^3t + 2q^2t^2 + 3q^2t^4 + q^2t^6 + 2q^2t^5 + 3q^2t^3 + qt^2 + 2qt^3 + q^3t^2 + q^3t^3$$

$$3qt^3 + 2qt^6 + 2t^6 + t^4 + 5qt^4 + 4qt^5 + t^7 + 2t^5 + q^2t + 4q^2t^3 + q^2t^5 + 3q^2t^4 + 3q^2t^2 + qt^2 + q^3t + q^3t^2$$

$$5qt^5 + 2t^8 + 3t^6 + 3qt^6 + 2q^2t^2 + q^2t + 2t^5 + t^7q + 3t^7 + qt^2 + 2q^2t^3 + q^2t^4 + 3qt^3 + 5qt^4 + t^4$$

$$2t^{10} + 3t^9 + t^{11} + 3qt^6 + 3qt^5 + 2t^7q + t^8q + 4t^8 + 4t^7 + 3t^6 + 2t^5 + qt^2 + 2qt^3 + t^4 + 3qt^4$$

$$2t^5 + 3t^6 + t^4 + 4t^7 + 5t^8 + 5t^9 + 5t^{10} + 3t^{12} + t^{14} + 2t^{13} + 4t^{11}$$

[4, 1, 1, 1]

$$q^6 + q^7 + 2q^8 + 3q^9 + 3q^{10} + 3q^{12} + q^{14} + 2q^{13} + q^{15} + 3q^{11}$$

$$q^9t + q^{12} + 2q^{10} + 2q^9 + q^{11} + 2q^6t + 2q^5t + 2q^7t + q^8t + 2q^8 + q^7 + q^6 + q^3t + q^4t$$

$$3q^5t + q^8t + q^8 + q^6 + 3q^6t + q^2t^2 + 2q^7t + q^9 + q^7 + q^3t^2 + q^5t^2 + q^4t^2 + q^3t + 2q^4t$$

$$q^7t^2 + q^9 + q^4t + q^7t + q^7 + 2q^5t + q^6t + q^8 + q^6 + qt^3 + q^4t^3 + q^4t^2 + q^6t^2 + 2q^5t^2 + q^3t^2 + q^3t + q^2t^3 + q^3t^3$$

$$q^6t^2 + q^3t + 2q^6t + q^6 + 2q^4t + 3q^5t + q^7t + q^3t^3 + 2q^3t^2 + 2q^5t^2 + 3q^4t^2 + q^2t^2$$

$$q^6 + 2q^4t^2 + 2q^4t + q^3t + q^4t^3 + q^5t^2 + 2q^5t + 2q^3t^3 + 2q^3t^2 + qt^3 + q^6t + q^2t^2 + 2q^2t^3 + qt^4$$

$$t^6 + q^2t^5 + q^3t^4 + q^2t^3 + q^3t^5 + qt^3 + 2q^3t^3 + q^4t^3 + q^2t^4 + qt^4 + q^3t^2 + q^4t^2 + qt^5 + q^5t^2 + q^6 + q^3t + q^5t^3 + q^5t + q^4t$$

$$q^2t^4 + 3q^3t^3 + q^2t^2 + q^3t^4 + 3q^3t^2 + q^4t^3 + 2q^4t^2 + 2q^2t^3 + qt^3 + q^3t + q^4t + qt^4 + q^5t + q^5t^2$$

$$q^2t^5 + q^3t^4 + 3q^2t^3 + qt^3 + 3q^3t^3 + q^4t^3 + 2q^2t^4 + qt^4 + 2q^3t^2 + q^2t^2 + q^4t^2 + qt^5 + q^3t + q^4t$$

$$t^6 + 2q^2t^4 + 2qt^4 + qt^3 + q^3t^4 + q^2t^5 + 2qt^5 + 2q^3t^3 + 2q^2t^3 + q^3t + qt^6 + q^2t^2 + 2q^3t^2 + q^4t$$

$$t^7q^2 + t^9 + qt^4 + t^7q + t^7 + 2qt^5 + qt^6 + t^8 + t^6 + q^3t + q^3t^4 + q^2t^4 + q^2t^6 + 2q^2t^5 + q^2t^3 + qt^3 + q^3t^2 + q^3t^3$$

$$q^2t^6 + qt^3 + 2qt^6 + t^6 + 2qt^4 + 3qt^5 + t^7q + q^3t^3 + 2q^2t^3 + 2q^2t^5 + 3q^2t^4 + q^2t^2$$

$$3qt^5 + t^8q + t^8 + t^6 + 3qt^6 + q^2t^2 + 2t^7q + t^9 + t^7 + q^2t^3 + q^2t^5 + q^2t^4 + qt^3 + 2qt^4$$

$$t^9q + t^{12} + 2t^{10} + 2t^9 + t^{11} + 2qt^6 + 2qt^5 + 2t^7q + t^8q + 2t^8 + t^7 + t^6 + qt^3 + qt^4$$

$$t^6 + t^7 + 2t^8 + 3t^9 + 3t^{10} + 3t^{12} + t^{14} + 2t^{13} + t^{15} + 3t^{11}$$

Cocharge $K(q,t)$ for $n=7$

[3, 3, 1]

$$\begin{aligned}
& q^5 + q^6 + 2q^7 + 2q^8 + 3q^9 + 3q^{10} + 2q^{12} + q^{14} + 2q^{13} + q^{15} + 3q^{11} \\
& q^9 t + 2q^{10} + 2q^9 + q^{11} + 2q^6 t + 2q^5 t + 2q^7 t + q^8 t + 2q^8 + 2q^7 + q^6 + q^5 + q^3 t + q^4 t \\
& 3q^5 t + q^8 + q^6 + 3q^6 t + q^2 t^2 + q^5 + q^7 t + q^9 + 2q^7 + 2q^3 t^2 + q^5 t^2 + q^4 t^2 + q^3 t + 2q^4 t \\
& q^4 t + q^7 t + q^7 + q^5 + 2q^5 t + 2q^6 t + q^8 t + q^6 + q^4 t^3 + q^2 t^2 + 2q^4 t^2 + q^6 t^2 + 2q^5 t^2 + 2q^3 t^2 + q^3 t + q^2 t^3 \\
& q^3 t + 2q^6 t + q^6 + 2q^4 t + 3q^5 t + q^7 + q^7 t + q^5 + q^3 t^3 + 2q^3 t^2 + q^5 t^2 + 2q^4 t^2 + q^2 t^2 + q t^3 + q^2 t^3 \\
& q^6 + 2q^4 t^2 + 2q^4 t + q^3 t + q^5 + q^5 t^2 + 2q^5 t + q^3 t^3 + 4q^3 t^2 + q t^3 + q^2 t^2 + 3q^2 t^3 + q t^4 \\
& q^2 t^5 + q^3 t^4 + 2q^2 t^3 + q t^3 + q^3 t^3 + q^4 t^4 + q^4 t^3 + 2q^2 t^4 + q t^4 + 2q^3 t^2 + q^2 t^2 + 2q^4 t^2 + q t^5 + q^5 t^2 + q^3 t + q^5 t + q^4 t \\
& t^5 + q^2 t^4 + 2q^3 t^3 + q^2 t^2 + 3q^3 t^2 + q^4 t^3 + 2q^4 t^2 + 3q^2 t^3 + q t^3 + q^3 t + 2q^4 t + q t^4 + q^5 t + q^5 \\
& t^5 + q^3 t^4 + 3q^2 t^3 + q t^3 + 2q^3 t^3 + 2q^2 t^4 + 2q t^4 + 3q^3 t^2 + q^2 t^2 + q^4 t^2 + q t^5 + q^5 + q^3 t + q^4 t \\
& t^6 + 2q^2 t^4 + 2q t^4 + q t^3 + t^5 + q^2 t^5 + 2q t^5 + q^3 t^3 + 4q^2 t^3 + q^3 t + q^2 t^2 + 3q^3 t^2 + q^4 t \\
& q t^4 + t^7 q + t^7 + t^5 + 2q t^5 + 2q t^6 + t^8 q + t^6 + q^3 t^4 + q^2 t^2 + 2q^2 t^4 + q^2 t^6 + 2q^2 t^5 + 2q^2 t^3 + q t^3 + q^3 t^2 \\
& q t^3 + 2q t^6 + t^6 + 2q t^4 + 3q t^5 + t^7 + t^7 q + t^5 + q^3 t^3 + 2q^2 t^3 + q^2 t^5 + 2q^2 t^4 + q^2 t^2 + q^3 t + q^3 t^2 \\
& 3q t^5 + t^8 + t^6 + 3q t^6 + q^2 t^2 + t^5 + t^7 q + t^9 + 2t^7 + 2q^2 t^3 + q^2 t^5 + q^2 t^4 + q t^3 + 2q t^4 \\
& t^9 q + 2t^{10} + 2t^9 + t^{11} + 2q t^6 + 2q t^5 + 2t^7 q + t^8 q + 2t^8 + 2t^7 + t^6 + t^5 + q t^3 + q t^4 \\
& t^5 + t^6 + 2t^7 + 2t^8 + 3t^9 + 3t^{10} + 2t^{12} + t^{14} + 2t^{13} + t^{15} + 3t^{11}
\end{aligned}$$

[3, 2, 2]

$$\begin{aligned}
& q^6 + q^{16} + q^7 + 2q^8 + 2q^9 + 3q^{10} + 3q^{12} + 2q^{14} + 2q^{13} + q^{15} + 3q^{11} \\
& q^9 t + q^{12} + 2q^{10} + q^{10} t + 2q^9 + q^{11} + 2q^6 t + 2q^5 t + 2q^7 t + 2q^8 t + 2q^8 + q^7 + q^6 + q^4 t \\
& 3q^5 t + q^8 t + 2q^8 + q^6 + 3q^6 t + q^2 t^2 + 2q^7 t + q^9 + q^7 + q^3 t^2 + q^5 t^2 + q^6 t^2 + 2q^4 t^2 + q^4 t \\
& q^7 t^2 + q^4 t + 2q^7 t + 2q^5 t + 2q^6 t + q^8 + q^8 t + q^6 + q^4 t^3 + q^2 t^2 + 2q^4 t^2 + q^6 t^2 + 2q^5 t^2 + q^3 t^2 + q^5 t^3 + q^3 t^3 \\
& q^6 t^2 + q^8 + 2q^6 t + q^6 + q^4 t + 2q^5 t + q^7 + q^7 t + q^3 t^3 + 2q^3 t^2 + 2q^5 t^2 + 3q^4 t^2 + q^2 t^2 + q^4 t^3 + q^2 t^3 \\
& q^6 + 4q^4 t^2 + q^4 t + q^4 t^3 + q^5 t^2 + 3q^5 t + 2q^3 t^3 + 2q^3 t^2 + q^6 t + q^2 t^2 + 2q^2 t^3 + q^2 t^4 + q t^4 \\
& q^2 t^5 + 2q^3 t^4 + q^2 t^3 + q^3 t^5 + q^3 t^3 + q^4 t^4 + 2q^4 t^3 + 2q^2 t^4 + q t^4 + q^3 t^2 + q^2 t^2 + 2q^4 t^2 + q t^5 + q^5 t^2 + q^5 t^3 + q^5 t + q^4 t \\
& q t^5 + 2q^2 t^4 + 3q^3 t^3 + q^2 t^2 + q^3 t^4 + 2q^3 t^2 + q^4 t^3 + 3q^4 t^2 + 2q^2 t^3 + q^4 t + q t^4 + q^5 t + q^6 + q^5 t^2 \\
& t^6 + q^2 t^5 + q^3 t^4 + 2q^2 t^3 + 3q^3 t^3 + q^4 t^3 + 3q^2 t^4 + q t^4 + 2q^3 t^2 + q^2 t^2 + 2q^4 t^2 + q t^5 + q^5 t + q^4 t \\
& t^6 + 4q^2 t^4 + q t^4 + q^3 t^4 + q^2 t^5 + 3q t^5 + 2q^3 t^3 + 2q^2 t^3 + q t^6 + q^2 t^2 + 2q^3 t^2 + q^4 t^2 + q^4 t \\
& t^7 q^2 + q t^4 + 2t^7 q + 2q t^5 + 2q t^6 + t^8 + t^8 q + t^6 + q^3 t^4 + q^2 t^2 + 2q^2 t^4 + q^2 t^6 + 2q^2 t^5 + q^2 t^3 + q^3 t^5 + q^3 t^3 \\
& q^2 t^6 + t^8 + 2q t^6 + t^6 + q t^4 + 2q t^5 + t^7 + t^7 q + q^3 t^3 + 2q^2 t^3 + 2q^2 t^5 + 3q^2 t^4 + q^2 t^2 + q^3 t^4 + q^3 t^2 \\
& 3q t^5 + t^8 q + 2t^8 + t^6 + 3q t^6 + q^2 t^2 + 2t^7 q + t^9 + t^7 + q^2 t^3 + q^2 t^5 + q^2 t^6 + 2q^2 t^4 + q t^4 \\
& t^9 q + t^{12} + 2t^{10} + t^{10} q + 2t^9 + t^{11} + 2q t^6 + 2q t^5 + 2t^7 q + 2t^8 q + 2t^8 + t^7 + t^6 + q t^4 \\
& t^6 + t^{16} + t^7 + 2t^8 + 2t^9 + 3t^{10} + 3t^{12} + 2t^{14} + 2t^{13} + t^{15} + 3t^{11}
\end{aligned}$$

[3, 2, 1, 1]

$$\begin{aligned}
& q^{17} + 2q^{16} + q^7 + 2q^8 + 3q^9 + 4q^{10} + 5q^{12} + 4q^{14} + 5q^{13} + 3q^{15} + 5q^{11} \\
& 3q^9t + 2q^{12} + 3q^{10} + 2q^{10}t + 3q^9 + q^{11}t + q^{13} + 3q^{11} + 3q^6t + 2q^5t + 4q^7t + 4q^8t + 2q^8 + q^7 + q^4t \\
& q^{10} + 3q^5t + 3q^8t + 2q^8 + 5q^6t + 5q^7t + 2q^9 + q^9t + q^7 + 2q^3t^2 + 3q^5t^2 + q^7t^2 + 2q^6t^2 + 3q^4t^2 + q^4t \\
& 2q^7t^2 + q^9 + q^4t + 3q^7t + q^7 + q^9t + 2q^5t + 3q^6t + q^8 + 2q^8t + 2q^4t^3 + 2q^4t^2 + 3q^6t^2 + 3q^5t^2 + q^8t^2 + q^3t^2 + 2q^5t^3 + q^6t^3 + q^2t^3 + 2q^3t^3 \\
& 3q^6t^2 + q^8 + 4q^6t + q^8t + q^4t + 3q^5t + q^7 + 3q^7t + 2q^3t^3 + 2q^3t^2 + 5q^5t^2 + 4q^4t^2 + q^7t^2 + 2q^4t^3 + q^5t^3 + q^2t^3 \\
& q^7 + q^6t^2 + q^5t^3 + 5q^4t^2 + q^4t + 3q^4t^3 + 4q^5t^2 + 3q^5t + 5q^3t^3 + 2q^3t^2 + q^3t^4 + 3q^6t + 2q^2t^3 + 2q^2t^4 + qt^4 \\
& qt^6 + 2q^2t^5 + 3q^3t^4 + q^2t^3 + 2q^3t^5 + q^4t^5 + q^2t^6 + 3q^3t^3 + 2q^4t^4 + 3q^4t^3 + 2q^2t^4 + qt^4 + q^3t^2 + 2q^4t^2 + qt^5 + 2q^5t^2 + q^6t + q^5t^4 + 2q^5t^3 + q^5t + q^6t^2 + q^4t \\
& qt^5 + 3q^2t^4 + 5q^3t^3 + 3q^3t^4 + q^4t^4 + q^2t^5 + 2q^3t^2 + 4q^4t^3 + 4q^4t^2 + 2q^2t^3 + q^4t + qt^4 + 2q^5t + q^5t^3 + 3q^5t^2 + q^6t \\
& qt^6 + 3q^2t^5 + 4q^3t^4 + 2q^2t^3 + q^3t^5 + 5q^3t^3 + q^4t^4 + 3q^4t^3 + 4q^2t^4 + qt^4 + 2q^3t^2 + 3q^4t^2 + 2qt^5 + q^5t^2 + q^5t + q^4t \\
& t^7 + q^2t^6 + q^3t^5 + 5q^2t^4 + qt^4 + 3q^3t^4 + 4q^2t^5 + 3qt^5 + 5q^3t^3 + 2q^2t^3 + q^4t^3 + 3qt^6 + 2q^3t^2 + 2q^4t^2 + q^4t \\
& 2t^7q^2 + t^9 + qt^4 + 3t^7q + t^7 + t^9q + 2qt^5 + 3qt^6 + t^8 + 2t^8q + 2q^3t^4 + 2q^2t^4 + 3q^2t^6 + 3q^2t^5 + t^8q^2 + q^2t^3 + 2q^3t^5 + q^3t^6 + q^3t^2 + 2q^3t^3 \\
& 3q^2t^6 + t^8 + 4qt^6 + t^8q + qt^4 + 3qt^5 + t^7 + 3t^7q + 2q^3t^3 + 2q^2t^3 + 5q^2t^5 + 4q^2t^4 + t^7q^2 + 2q^3t^4 + q^3t^5 + q^3t^2 \\
& t^{10} + 3qt^5 + 3t^8q + 2t^8 + 5qt^6 + 5t^7q + 2t^9 + t^9q + t^7 + 2q^2t^3 + 3q^2t^5 + t^7q^2 + 2q^2t^6 + 3q^2t^4 + qt^4 \\
& 3t^9q + 2t^{12} + 3t^{10} + 2t^{10}q + 3t^9 + t^{11}q + t^{13} + 3t^{11} + 3qt^6 + 2qt^5 + 4t^7q + 4t^8q + 2t^8 + t^7 + qt^4 \\
& t^{17} + 2t^{16} + t^7 + 2t^8 + 3t^9 + 4t^{10} + 5t^{12} + 4t^{14} + 5t^{13} + 3t^{15} + 5t^{11}
\end{aligned}$$

$$[3, 1, 1, 1, 1]$$

$$\begin{aligned}
& q^{17} + q^{18} + 2q^{16} + q^{10} + 2q^{12} + 3q^{14} + 2q^{13} + 2q^{15} + q^{11} \\
& q^{14} + 2q^9t + q^{12}t + q^{12} + q^{10} + 2q^{10}t + q^{11}t + q^{13} + q^{11} + q^6t + q^7t + 2q^8t \\
& q^8t^2 + q^{10} + 2q^8t + q^{10}t + q^6t + 2q^7t + 2q^9t + q^5t^2 + q^7t^2 + 2q^6t^2 + q^4t^2 \\
& q^{10} + q^9t^2 + q^7t^2 + q^7t + q^9t + q^6t + q^8t + q^4t^3 + q^6t^2 + q^8t^2 + 2q^5t^3 + q^6t^3 + t^3q^7 + q^3t^3 \\
& 3q^6t^2 + q^7t + 2q^7t^2 + q^6t + q^8t^2 + q^8t + q^4t^3 + q^6t^3 + q^5t^3 + q^4t^2 + 2q^5t^2 \\
& q^7t + 2q^6t^2 + 2q^5t^3 + q^4t^2 + q^6t^3 + 2q^4t^3 + q^4t^4 + q^5t^2 + q^3t^3 + q^3t^4 + q^6t + q^2t^4 \\
& q^3t^6 + qt^6 + q^3t^4 + q^3t^5 + q^4t^5 + q^2t^6 + q^3t^3 + q^4t^4 + q^4t^3 + q^6t + q^5t^5 + q^5t^4 + q^5t^3 + q^6t^3 + q^6t^2 \\
& q^3t^5 + q^2t^4 + q^3t^3 + 2q^3t^4 + 2q^4t^4 + 2q^4t^3 + q^4t^2 + q^5t^4 + 2q^5t^3 + q^5t^2 + q^6t^2 \\
& q^2t^5 + 2q^3t^4 + 2q^3t^5 + q^4t^5 + q^2t^6 + q^3t^3 + 2q^4t^4 + 2q^4t^3 + q^2t^4 + q^4t^2 + q^5t^3 \\
& t^7q + 2q^2t^6 + 2q^3t^5 + q^2t^4 + q^3t^6 + 2q^3t^4 + q^4t^4 + q^2t^5 + q^3t^3 + q^4t^3 + qt^6 + q^4t^2 \\
& t^{10} + t^9q^2 + t^7q^2 + t^7q + t^9q + qt^6 + t^8q + q^3t^4 + q^2t^6 + t^8q^2 + 2q^3t^5 + q^3t^6 + q^3t^7 + q^3t^3 \\
& 3q^2t^6 + t^7q + 2t^7q^2 + qt^6 + t^8q^2 + t^8q + q^3t^4 + q^3t^6 + q^3t^5 + q^2t^4 + 2q^2t^5 \\
& t^8q^2 + t^{10} + 2t^8q + t^{10}q + qt^6 + 2t^7q + 2t^9q + q^2t^5 + t^7q^2 + 2q^2t^6 + q^2t^4 \\
& t^{14} + 2t^9q + t^{12}q + t^{12} + t^{10} + 2t^{10}q + t^{11}q + t^{13} + t^{11} + qt^6 + t^7q + 2t^8q \\
& t^{17} + t^{18} + 2t^{16} + t^{10} + 2t^{12} + 3t^{14} + 2t^{13} + 2t^{15} + t^{11}
\end{aligned}$$

[2, 2, 2, 1]

$$\begin{aligned}
& q^{17} + q^{18} + q^{16} + q^9 + q^{10} + 2q^{12} + 2q^{14} + 2q^{13} + 2q^{15} + q^{11} \\
& 2q^9t + q^{12}t + q^{12} + q^{10} + q^{10}t + q^9 + q^{11}t + q^{13} + q^{11} + q^6t + q^7t + 2q^8t \\
& q^8t^2 + q^{10} + 2q^8t + q^6t + 2q^7t + q^9 + q^9t + 2q^5t^2 + q^7t^2 + q^6t^2 + q^4t^2 \\
& q^7t^2 + q^7t + q^9t + q^6t + 2q^8t + q^4t^3 + q^4t^2 + q^6t^2 + q^5t^2 + q^8t^2 + q^5t^3 + q^6t^3 + t^3q^7 \\
& q^9 + 2q^6t^2 + q^6t + q^8t + q^7t + q^3t^3 + 2q^5t^2 + q^4t^2 + q^7t^2 + q^4t^3 + q^5t^3 + q^6t^3 \\
& q^7t + q^6t^2 + q^5t^3 + q^4t^2 + 2q^4t^3 + q^4t^4 + 3q^5t^2 + q^3t^3 + q^3t^4 + q^6t + q^2t^4 \\
& q^3t^6 + q^2t^5 + q^3t^4 + q^3t^5 + q^4t^5 + 2q^4t^4 + q^4t^3 + q^2t^4 + q^4t^2 + q^5t^2 + q^5t^4 + q^5t^3 + q^6t^3 \\
& q^3t^5 + q^2t^4 + q^3t^3 + 2q^3t^4 + q^4t^4 + q^2t^5 + 2q^4t^3 + q^4t^2 + q^5t^3 + q^5t^2 + q^6t^2 + q^6t \\
& qt^6 + q^2t^5 + 2q^3t^4 + q^3t^5 + q^2t^6 + q^3t^3 + q^4t^4 + 2q^4t^3 + q^2t^4 + q^4t^2 + q^5t^2 + q^5t^3 \\
& t^7q + q^2t^6 + q^3t^5 + q^2t^4 + 2q^3t^4 + q^4t^4 + 3q^2t^5 + q^3t^3 + q^4t^3 + qt^6 + q^4t^2 \\
& t^7q^2 + t^7q + t^9q + qt^6 + 2t^8q + q^3t^4 + q^2t^4 + q^2t^6 + q^2t^5 + t^8q^2 + q^3t^5 + q^3t^6 + q^3t^7 \\
& t^9 + 2q^2t^6 + qt^6 + t^8q + t^7q + q^3t^3 + 2q^2t^5 + q^2t^4 + t^7q^2 + q^3t^4 + q^3t^5 + q^3t^6 \\
& t^8q^2 + t^{10} + 2t^8q + qt^6 + 2t^7q + t^9 + t^9q + 2q^2t^5 + t^7q^2 + q^2t^6 + q^2t^4 \\
& 2t^9q + t^{12}q + t^{12} + t^{10} + t^{10}q + t^9 + t^{11}q + t^{13} + t^{11} + qt^6 + t^7q + 2t^8q \\
& t^{17} + t^{18} + t^{16} + t^9 + t^{10} + 2t^{12} + 2t^{14} + 2t^{13} + 2t^{15} + t^{11}
\end{aligned}$$

[2, 2, 1, 1, 1]	[2, 1, 1, 1, 1, 1]	[1, 1, 1, 1, 1, 1, 1]
$2q^{17} + q^{18} + 2q^{16} + q^{19} + q^{12} + 2q^{14} + 2q^{13} + 2q^{15} + q^{11}$	$q^{17} + q^{18} + q^{16} + q^{19} + q^{20} + q^{15}$	q^{21}
$q^{14} + 2q^9t + q^{12}t + q^{12} + 2q^{10}t + 2q^{11}t + q^{13} + q^{13}t + q^{11} + q^7t + q^8t$	$q^{15} + q^{12}t + q^{14}t + q^{10}t + q^{11}t + q^{13}t$	$q^{15}t$
$q^{11} + q^8t^2 + 2q^8t + q^{10}t + q^7t + 2q^9t + q^5t^2 + 2q^7t^2 + 2q^6t^2 + q^9t^2$	$q^{10}t^2 + q^8t^2 + q^{11}t + q^{10}t + q^7t^2 + q^9t^2$	t^2q^{11}
$q^9t^2 + q^7t^2 + q^{10}t + q^7t + q^9t + q^8t + q^4t^3 + q^6t^2 + q^8t^2 + q^5t^3 + 2q^6t^3 + q^8t^3 + t^3q^7$	$q^{10}t + q^9t^3 + q^{10}t^2 + q^6t^3 + q^8t^3 + t^3q^7$	$q^{10}t^3$
$q^8t^2 + 2q^6t^2 + q^9t + q^8t + q^7t + q^5t^2 + 2q^7t^2 + q^4t^3 + 2q^5t^3 + t^3q^7 + q^6t^3$	$q^9t^2 + q^6t^3 + t^3q^7 + q^8t^3 + q^8t^2 + q^7t^2$	q^9t^3
$q^7t + 2q^6t^2 + 2q^5t^3 + q^6t^3 + q^7t^2 + 2q^4t^3 + q^5t^4 + q^4t^4 + q^5t^2 + 2q^3t^4$	$t^3q^7 + q^6t^3 + q^6t^4 + q^7t^2 + q^5t^4 + q^4t^4$	t^4q^7
$q^3t^6 + q^3t^4 + q^3t^5 + q^4t^5 + q^2t^6 + q^4t^4 + q^4t^3 + q^4t^6 + q^5t^5 + q^5t^4 + q^5t^3 + q^6t^4 + q^6t^3 + q^6t^2$	$q^3t^6 + q^6t^5 + q^4t^6 + q^5t^6 + q^6t^4 + q^6t^3$	q^6t^6
$q^3t^5 + q^3t^4 + 2q^4t^4 + q^2t^5 + 2q^4t^3 + q^4t^5 + q^5t^4 + 2q^5t^3 + q^5t^2 + q^6t^3 + q^6t^2$	$q^4t^4 + q^6t^4 + q^4t^5 + q^5t^5 + q^5t^4 + q^6t^3$	q^6t^5
$q^3t^6 + q^2t^5 + 2q^3t^4 + 2q^3t^5 + q^4t^5 + q^2t^6 + 2q^4t^4 + q^4t^3 + q^5t^2 + q^5t^4 + q^5t^3$	$q^3t^6 + q^4t^5 + q^4t^4 + q^4t^6 + q^5t^5 + q^5t^4$	q^5t^6
$t^7q + 2q^2t^6 + 2q^3t^5 + q^3t^6 + t^7q^2 + 2q^3t^4 + q^4t^5 + q^4t^4 + q^2t^5 + 2q^4t^3$	$q^3t^7 + q^3t^6 + q^4t^6 + t^7q^2 + q^4t^5 + q^4t^4$	q^4t^7
$t^9q^2 + t^7q^2 + t^{10}q + t^7q + t^9q + t^8q + q^3t^4 + q^2t^6 + t^8q^2 + q^3t^5 + 2q^3t^6 + t^8q^3 + q^3t^7$	$t^{10}q + t^9q^3 + t^{10}q^2 + q^3t^6 + t^8q^3 + q^3t^7$	$t^{10}q^3$
$t^8q^2 + 2q^2t^6 + t^9q + t^8q + t^7q + q^2t^5 + 2t^7q^2 + q^3t^4 + 2q^3t^5 + q^3t^7 + q^3t^6$	$t^9q^2 + q^3t^6 + q^3t^7 + t^8q^3 + t^8q^2 + t^7q^2$	t^9q^3
$t^{11} + t^8q^2 + 2t^8q + t^{10}q + t^7q + 2t^9q + q^2t^5 + 2t^7q^2 + 2q^2t^6 + t^9q^2$	$t^{10}q^2 + t^8q^2 + t^{11}q + t^{10}q + t^7q^2 + t^9q^2$	q^2t^{11}
$t^{14} + 2t^9q + t^{12}q + t^{12} + 2t^{10}q + 2t^{11}q + t^{13} + t^{13}q + t^{11} + t^7q + t^8q$	$t^{15} + t^{12}q + t^{14}q + t^{10}q + t^{11}q + t^{13}q$	$t^{15}q$
$2t^{17} + t^{18} + 2t^{16} + t^{19} + t^{12} + 2t^{14} + 2t^{13} + 2t^{15} + t^{11}$	$t^{17} + t^{18} + t^{16} + t^{19} + t^{20} + t^{15}$	t^{21}