

| | Υ_{-12} | Υ_4 | Υ_8 | Υ_{14} | Υ_{11} | Υ_{-1} | Υ_{-5} | Υ_{-9} |
|------------------|---|--------------|---|--|--|----------------------------|--|---|
| Υ_{-12} | $\frac{(\omega-1)^2}{\omega}$ | $\omega - 1$ | $-2(\omega - 1)$ | $\frac{2(\omega-1)^2}{\omega}$ | $\frac{2(\omega-1)}{\omega^2}$ | \emptyset | $-\frac{2(\omega-1)}{\omega^2}$ | $-\frac{(\omega-1)(2\omega-3)}{\omega}$ |
| Υ_4 | $-\frac{\omega-1}{\omega}$ | \emptyset | $\frac{\omega-1}{\omega}$ | \emptyset | \emptyset | \emptyset | \emptyset | \emptyset |
| Υ_8 | $\frac{2(\omega-1)}{\omega}$ | $1 - \omega$ | $\frac{(\omega-1)^2}{\omega}$ | $-\frac{(\omega-1)(2\omega-3)}{\omega}$ | $-\frac{2(\omega-1)}{\omega^2}$ | \emptyset | $\frac{2(\omega-1)}{\omega^2}$ | $\frac{2(\omega-2)(\omega-1)}{\omega}$ |
| Υ_{14} | $\frac{2(\omega-1)^2}{\omega}$ | \emptyset | $-\frac{(\omega-1)(3\omega-2)}{\omega}$ | $\frac{3(\omega-1)^2}{\omega}$ | $-\frac{(\omega-2)(\omega-1)}{\omega^2}$ | \emptyset | $-\frac{2(\omega-1)}{\omega^2}$ | $-\frac{2(\omega-2)(\omega-1)}{\omega}$ |
| Υ_{11} | $-2(\omega - 1)\omega$ | \emptyset | $2(\omega - 1)\omega$ | $-(\omega - 1)(2\omega - 1)$ | $\frac{(\omega-1)^2}{\omega}$ | $-\frac{\omega-1}{\omega}$ | $\frac{2(\omega-1)}{\omega}$ | $2(\omega - 1)^2$ |
| Υ_{-1} | \emptyset | \emptyset | \emptyset | \emptyset | $\omega - 1$ | \emptyset | $1 - \omega$ | \emptyset |
| Υ_{-5} | $2(\omega - 1)\omega$ | \emptyset | $-2(\omega - 1)\omega$ | $2(\omega - 1)\omega$ | $-2(\omega - 1)$ | $\frac{\omega-1}{\omega}$ | $\frac{(\omega-1)^2}{\omega}$ | $-(\omega - 1)(2\omega - 1)$ |
| Υ_{-9} | $-\frac{(\omega-1)(3\omega-2)}{\omega}$ | \emptyset | $\frac{2(\omega-1)(2\omega-1)}{\omega}$ | $-\frac{2(\omega-1)(2\omega-1)}{\omega}$ | $\frac{2(\omega-1)^2}{\omega^2}$ | \emptyset | $-\frac{(\omega-2)(\omega-1)}{\omega^2}$ | $\frac{3(\omega-1)^2}{\omega}$ |

$$2\theta\left(u - \frac{\sqrt{3}}{2}\right) - 2\theta\left(u + \frac{\sqrt{3}}{2}\right)$$

| | Υ_{-12} | Υ_4 | Υ_8 | Υ_{14} | Υ_{11} | Υ_{-1} | Υ_{-5} | Υ_{-9} |
|------------------|------------------|--|----------------------|--|-----------------|--------------------------------------|--|---|
| Υ_{-12} | 1 | $\frac{1}{2u}$ | \emptyset | $-\frac{1}{2u}$ | -1 | $-\frac{1}{2u}$ | \emptyset | $\frac{1}{2u}$ |
| Υ_4 | \emptyset | \emptyset | \emptyset | \emptyset | \emptyset | \emptyset | \emptyset | \emptyset |
| Υ_8 | \emptyset | $-\frac{(2u-1)(2u+1)(2u^2-1)}{4u^2(4u^2-3)}$ | $-\frac{2u^2-1}{2u}$ | $\frac{1}{4u^2(4u^2-3)}$ | \emptyset | $-\frac{(2u-1)(2u+1)}{4u^2(4u^2-3)}$ | $-\frac{1}{2u(4u^2-3)}$ | $\frac{8u^4-6u^2-1}{4u^2(4u^2-3)}$ |
| Υ_{14} | \emptyset | $-\frac{2u^2-1}{2u}$ | $-2(u-1)(u+1)$ | $\frac{2u^2-1}{2u}$ | \emptyset | $-\frac{1}{2u}$ | \emptyset | $\frac{1}{2u}$ |
| Υ_{11} | \emptyset | $\frac{1}{4u^2(4u^2-3)}$ | $\frac{2u^2-1}{2u}$ | $\frac{(2u^2-1)(16u^4-16u^2+1)}{4u^2(4u^2-3)}$ | \emptyset | $-\frac{8u^4-10u^2+1}{4u^2(4u^2-3)}$ | $\frac{1}{2u(4u^2-3)}$ | $\frac{1}{4u^2(4u^2-3)}$ |
| Υ_{-1} | \emptyset | \emptyset | \emptyset | \emptyset | \emptyset | \emptyset | \emptyset | \emptyset |
| Υ_{-5} | \emptyset | $-\frac{(2u-1)(2u+1)}{4u^2(4u^2-3)}$ | $-\frac{1}{2u}$ | $-\frac{8u^4-10u^2+1}{4u^2(4u^2-3)}$ | \emptyset | $\frac{8u^4-10u^2-1}{4u^2(4u^2-3)}$ | $\frac{8u^4-10u^2+1}{2u(4u^2-3)}$ | $\frac{16u^4-16u^2+1}{4u^2(4u^2-3)}$ |
| Υ_{-9} | \emptyset | $-\frac{1}{2u(4u^2-3)}$ | \emptyset | $\frac{1}{2u(4u^2-3)}$ | \emptyset | $\frac{8u^4-10u^2+1}{2u(4u^2-3)}$ | $\frac{2(u-1)(u+1)(2u-1)(2u+1)}{4u^2-3}$ | $\frac{8u^4-6u^2-1}{2u(4u^2-3)}$ |
| | \emptyset | $\frac{8u^4-6u^2-1}{4u^2(4u^2-3)}$ | $\frac{1}{2u}$ | $\frac{1}{4u^2(4u^2-3)}$ | \emptyset | $\frac{16u^4-16u^2+1}{4u^2(4u^2-3)}$ | $\frac{8u^4-6u^2-1}{2u(4u^2-3)}$ | $-\frac{32u^6-64u^4+30u^2+1}{4u^2(4u^2-3)}$ |