

(13)

1	2.
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$$6 \frac{2}{3} 1 + 1 \text{ yy}$$

$$1 \ 0 \ \sqrt{\frac{1}{2}}(rg + gr)$$

$$1 - 1 \text{ gg}$$

$$-\frac{1}{3} \frac{1}{2} + \frac{1}{2} \sqrt{\frac{1}{2}}(rb + br)$$

$$-\frac{1}{2} \sqrt{\frac{1}{2}}(gb + bg)$$

$$-\frac{7}{3} 0 0 \text{ bb}$$

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2.

$$\begin{aligned} \bar{3} \frac{2}{3} 0 0 & \cancel{\sqrt{\frac{1}{2}}(rg + gr)} - 1 \times (rg - gr) \sqrt{\frac{1}{2}} \\ & = -\sqrt{\frac{1}{2}}(rg - gr) \end{aligned}$$

$$-\frac{1}{3} \frac{1}{2} + \frac{1}{2} \sqrt{\frac{1}{2}}(rb - br)$$

$$\frac{1}{2} - \frac{1}{2} \sqrt{\frac{1}{2}}(gb - bg).$$

(14)

1	2	3
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$$10 \quad | \quad \frac{3}{2} + \frac{3}{2} \quad rrr$$

$$+ \frac{1}{2} \sqrt{\frac{1}{3}} rrg + \sqrt{\frac{2}{3}} \sqrt{\frac{1}{2}} (rg + gr) r$$

$$\sqrt{\frac{1}{3}} (rrg + rgr + grr)$$

$$- \frac{1}{2} \sqrt{\frac{2}{3}} \sqrt{\frac{1}{2}} (rg + gr) g + \sqrt{\frac{1}{3}} ggr$$

$$\sqrt{\frac{1}{3}} (rgg + grg + ggr)$$

$$- \frac{3}{2} ggg$$

$$0 \quad | \quad + | \quad \sqrt{\frac{2}{3}} \sqrt{\frac{1}{2}} (rb + br) r + \sqrt{\frac{1}{3}} rrb$$

$$\sqrt{\frac{1}{3}} (rbr + brr + rrb)$$

$$| \quad 0 \quad \sqrt{\frac{2}{3}} \left[\sqrt{\frac{1}{2}} (rb + br) \sqrt{\frac{1}{2}} g + \sqrt{\frac{1}{2}} \sqrt{\frac{1}{2}} (gb + bg) r \right]$$

$$\sqrt{\frac{1}{3}} \sqrt{\frac{1}{2}} (rg + gr) b$$

$$= \sqrt{\frac{1}{6}} (rbg + brg + gbr + bgr + rbg + grb)$$

$$| \quad - | \quad \sqrt{\frac{2}{3}} \sqrt{\frac{1}{2}} (gb + bg) g + \sqrt{\frac{1}{3}} ggb$$

$$\sqrt{\frac{1}{3}} (gbg + bgg + ggb).$$

$$-1 \frac{1}{2} + \frac{1}{2} \sqrt{\frac{1}{3}} \sqrt{\frac{1}{2}} (rb + br) g b + \sqrt{\frac{1}{3}} b b r$$

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$$\sqrt{\frac{1}{3}} (r b b + b r b + b b r)$$

$$-1 \frac{1}{2} - \frac{1}{2} \sqrt{\frac{2}{3}} \sqrt{\frac{1}{2}} (gb + bg) b + \sqrt{\frac{1}{3}} b b g$$

$$\sqrt{\frac{1}{3}} (g b b + b g b + b b g)$$

$$-2 \ 0 \ 0 \ b b b .$$

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3	

$$8 \mid \frac{1}{2} + \frac{1}{2}$$

$$-1 \times [(rr)g\sqrt{\frac{2}{3}} - \sqrt{\frac{1}{3}} \sqrt{\frac{1}{2}} (rg + gr)r]$$

$$-\sqrt{\frac{2}{3}} r r g + \sqrt{\frac{1}{6}} (r g r + g r r) \checkmark$$

$$8 \mid \frac{1}{2} - \frac{1}{2} - 1 \times [\sqrt{\frac{1}{3}} \sqrt{\frac{1}{2}} (r g + g r) g - \sqrt{\frac{2}{3}} g g r]$$

$$-\sqrt{\frac{1}{6}} (r g g + g r g) + \sqrt{\frac{2}{3}} g g r \checkmark$$

$$8 \ 0 \ 1 \ 1 \cdot -\sqrt{\frac{1}{3}} \sqrt{\frac{1}{2}} (rb + br)r + \sqrt{\frac{2}{3}} r r b$$

$$-\sqrt{\frac{1}{6}} (r b r + b r r) + \sqrt{\frac{2}{3}} r r b \checkmark$$

$$8 \ 0 \ 1 \ 0 \ -\sqrt{\frac{1}{3}} \sqrt{\frac{1}{2}} (\sqrt{\frac{1}{2}} (rb + br)g + \sqrt{\frac{1}{2}} (gb + bg)r)$$

$$+\sqrt{\frac{2}{3}} \sqrt{\frac{1}{2}} (rg + gr)b$$

$$-\sqrt{\frac{1}{2}} (ra + qr)b - \sqrt{\frac{1}{2}} (rbq + brq + abr + bqr). \checkmark$$

$$801-1 \quad -\sqrt{\frac{1}{3}} gg \sqrt{\frac{1}{2}} (gb+bg)g + \sqrt{\frac{2}{3}} gg b$$

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$$-\sqrt{\frac{1}{6}} (gbg+bgg) + \sqrt{\frac{2}{3}} ggb \checkmark$$

$$8-1 \frac{1}{2} + \frac{1}{2} \quad \sqrt{3} \sqrt{\frac{1}{2}} (rb+br)b - \sqrt{\frac{2}{3}} bbr$$

$$\sqrt{\frac{1}{6}} (rbb+brb) - \sqrt{\frac{2}{3}} bbr \checkmark$$

$$8+ \frac{1}{2} - \frac{1}{2} \quad \sqrt{3} \sqrt{\frac{1}{2}} (gb+bg)b - \sqrt{\frac{2}{3}} bb g$$

$$\sqrt{\frac{1}{6}} (gbb+bgb) - \sqrt{\frac{2}{3}} bb g \checkmark$$

$$8000 - 1 \times \cancel{\sqrt{\frac{1}{2}} (\sqrt{\frac{1}{2}} (rb+br)g)} - \sqrt{\frac{1}{2}} (gb+bg)r$$

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$$8+ \frac{1}{2} - \frac{1}{2} \quad -\frac{1}{2}(rbg+brg-gbr-brg) \\ -\sqrt{\frac{1}{2}} (rg-gr) r$$

$$8+ \frac{1}{2} - \frac{1}{2} \quad -\sqrt{\frac{1}{2}} (rg-gr) g = \frac{1}{2}(gb r + bg r \\ -rb g - br g)$$

$$8000 \quad \sqrt{\frac{2}{3}} (-\sqrt{\frac{1}{2}}) (rg-gr) b$$

$$-\sqrt{\frac{1}{3}} \sqrt{\frac{1}{2}} (\sqrt{\frac{1}{2}} (rb br) g - \sqrt{\frac{1}{2}} (gb bg) r)$$

$$-\sqrt{\frac{1}{3}} (rgb - grb) - \sqrt{\frac{1}{2}} (rbg brg - gbr + bg r)$$

$$801+1 \quad \sqrt{\frac{1}{2}}(rb-br)r.$$

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$$8010 \quad \sqrt{\frac{1}{2}} \left[\sqrt{\frac{1}{2}}(rb-br)g + \sqrt{\frac{1}{2}}(gb-bg)r \right]$$

$$\frac{1}{2}(rbg - brg + gbr - bgr)$$

$$801-1 \quad \sqrt{\frac{1}{2}}(gb-bg)g$$

$$8-1 \frac{1}{2} + \frac{1}{2} \quad \sqrt{\frac{1}{2}}(rb-br)b$$

$$8-1 \frac{1}{2} - \frac{1}{2} \quad \sqrt{\frac{1}{2}}(gb-bg)b$$

$$1 \begin{array}{|c|c|c|} \hline 1 & & \\ \hline 2 & & \\ \hline 3 & & \\ \hline \end{array} 0 \quad 00 \quad \sqrt{\frac{1}{3}}(-\sqrt{\frac{1}{2}}(rg-gr)b) \\ + \sqrt{\frac{2}{3}}\sqrt{\frac{1}{2}}(\sqrt{\frac{1}{2}}(rb-br)g - \sqrt{\frac{1}{2}}(gb-bg)r)$$

$$-\sqrt{\frac{1}{6}}(rgb - grb)$$

$$+\sqrt{\frac{1}{6}}(rbg - brg - gbr + bgr)$$

1	2
3	
4	

$$3 \quad \frac{1}{3} \quad \frac{1}{2} + \frac{1}{2}$$

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$$\sqrt{\frac{3}{8}} (-\sqrt{\frac{2}{3}} rrg + \sqrt{\frac{1}{6}} rgr + \sqrt{\frac{1}{6}} grg) b$$

$$(-\frac{1}{4})(-\frac{1}{2}) (crbg + brg - gbr - bg) r$$

$$(\frac{3}{4}) [\sqrt{\frac{2}{3}} (\sqrt{\frac{2}{3}} rrb - \sqrt{\frac{1}{6}} (crb + brr)) g$$

$$-\sqrt{\frac{1}{3}} [\sqrt{\frac{1}{3}} (rgb + grb) - \sqrt{\frac{1}{12}} (crbg + brg + gbr + bg)]$$

$$D. \quad \frac{1}{16} \times (6+2) \frac{1}{2} +$$

$$= -\frac{1}{2} rrgb + \frac{1}{4} rgrb + \frac{1}{4} grrb$$

$$+ \frac{1}{8} rbgr + \frac{1}{8} brgr - \cancel{\frac{1}{8} gbr} - \cancel{\frac{1}{8} bgrr}$$

$$+ \frac{1}{2} rrbg - \frac{1}{4} rbrg - \frac{1}{4} brrg$$

$$- \frac{1}{4} rgbr - \frac{1}{4} grbr + \frac{1}{8} rbgr$$

$$+ \frac{1}{8} brgr + \cancel{\frac{1}{8} gbr} + \cancel{\frac{1}{8} bgrr}$$

$$= -\frac{1}{2} rrgb + \frac{1}{4} rgrb + \frac{1}{4} grrb$$

$$+ \frac{1}{2} rrhg - \frac{1}{4} rbgr - \frac{1}{4} brrg$$

$$+ \frac{1}{4} rbgr + \frac{1}{4} brgr - \frac{1}{4} rgbr - \frac{1}{4} grbr$$

$$\textcircled{19} \quad 3 \quad \frac{1}{3} \quad \frac{1}{2} \quad -\frac{1}{2}$$

$$\sqrt{\frac{3}{8}} \left[\sqrt{\frac{2}{3}} ggr - \sqrt{\frac{1}{6}} (rgrg + grgg) \right] b$$

$$- \frac{1}{4} \left(\frac{1}{2} cgbr + bgr - rbg - brg \right) g$$

$$+ \frac{3}{4} \sqrt{\frac{1}{3}} \left[\sqrt{\frac{1}{3}} (crgb + grb) - \sqrt{\frac{1}{12}} (rbg + brg + gbr + bgr) \right] g$$

$$+ \frac{3}{4} (-\sqrt{\frac{2}{3}}) \left[\sqrt{\frac{2}{3}} ggb - \sqrt{\frac{1}{6}} (cgbg + bgg) \right] r$$

$$= -\frac{1}{2} ggrb - \frac{1}{4} rggb - \frac{1}{4} grgb$$

$$- \frac{1}{8} gbrg - \frac{1}{8} bgrg + \cancel{\frac{1}{8} rbgg} + \cancel{\frac{1}{8} brgg}$$

$$+ \frac{1}{4} rgbg + \frac{1}{4} grbg = \cancel{\frac{1}{8} rbgg} - \cancel{\frac{1}{8} brgg} - \frac{1}{8} gbrg - \frac{1}{8} bgrg$$

$$- \frac{1}{2} ggbr + \frac{1}{4} gbgr + \frac{1}{4} bggr$$

$$= -\frac{1}{2} ggrb - \frac{1}{4} rggb - \frac{1}{4} grgb$$

$$- \frac{1}{2} ggbr + \frac{1}{4} gbgr + \frac{1}{4} bggr$$

$$+ \frac{1}{4} rgbg + \frac{1}{4} grbg - \frac{1}{4} gbrg - \frac{1}{4} bggr$$

$$\textcircled{20} \quad 3 \quad -\frac{2}{3} \quad 0 \quad 0$$

$$\frac{1}{2} \frac{1}{2} (gb + br + bg - rg) b$$

$$\sqrt{\frac{3}{4}} \sqrt{\frac{1}{2}} (\sqrt{\frac{1}{6}} (rb + br) - \sqrt{\frac{2}{3}} bb) g$$

$$(\sqrt{\frac{3}{4}}) (-\sqrt{\frac{1}{2}}) (\sqrt{\frac{1}{6}} (gb + bg) - \sqrt{\frac{2}{3}} bg) r.$$

$$= \frac{1}{4} gbrh + \frac{1}{4} bgrib - \frac{1}{4} rbgb - \frac{1}{4} brgb$$

$$+ \frac{1}{4} rbbg + \frac{1}{4} brbg - \frac{1}{2} bbrg$$

$$- \frac{1}{4} gbb - \frac{1}{4} bgbr + \frac{1}{2} bbgr.$$

1	2	$\bar{6}$	$\frac{4}{3}$	0	0
3	4				

$$-1 \times \sqrt{\frac{1}{2}} (\sqrt{\frac{1}{6}} rgr + \sqrt{\frac{1}{6}} gr - \sqrt{\frac{2}{3}} rr) g$$

$$(-1) \times (\sqrt{\frac{1}{2}}) (\sqrt{\frac{2}{3}} gg - \sqrt{\frac{1}{6}} rgg - \sqrt{\frac{1}{6}} grg) r$$

$$- \frac{1}{2} \sqrt{\frac{1}{3}} rg - \frac{1}{2} \sqrt{\frac{1}{3}} gr - \sqrt{\frac{1}{3}} rr gg$$

$$+ \sqrt{\frac{1}{3}} ggrr - \frac{1}{2} \sqrt{\frac{1}{3}} rgg - \frac{1}{2} \sqrt{\frac{1}{3}} grgr.$$

$$\frac{1}{6} \quad \frac{1}{3} \quad \frac{1}{2} + \frac{1}{2}$$

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$$\frac{1}{2} [\sqrt{\frac{1}{6}}(rgr + gr) - \sqrt{\frac{2}{3}} rrg] b$$

$$-\sqrt{\frac{3}{8}} \frac{1}{2} (gbr + bgr - rbq - brq) r$$

$$-\sqrt{\frac{3}{8}} \sqrt{\frac{2}{3}} (\sqrt{\frac{2}{3}} rrb - \sqrt{\frac{1}{6}} rbr - \sqrt{\frac{1}{6}} brr) g$$

$$(-\sqrt{\frac{3}{8}})(-\sqrt{\frac{1}{3}}) [\sqrt{\frac{1}{3}}rgb + \sqrt{\frac{1}{3}}grb - \sqrt{\frac{1}{12}}(rbg + bg + gbr + bgr)] r$$

$$= \sqrt{\frac{1}{24}} rgrb + \sqrt{\frac{1}{24}} grrb - \sqrt{\frac{1}{6}} rrgb$$

$$- \sqrt{\frac{3}{32}} gbr - \sqrt{\frac{3}{32}} bgrr + \sqrt{\frac{3}{32}} rbgr + \sqrt{\frac{3}{32}} brgr.$$

$$- \sqrt{\frac{1}{6}} rrbg + \sqrt{\frac{1}{24}} rbrg + \sqrt{\frac{1}{24}} brrg \quad \frac{\sqrt{12}}{\sqrt{96}}$$

$$+ \sqrt{\frac{1}{24}} rgbr + \sqrt{\frac{1}{24}} grbr - \sqrt{\frac{1}{96}} (rbgr + brgr + gbr + bgrr)$$

$$= \sqrt{\frac{1}{24}} rgrb + \sqrt{\frac{1}{24}} grrb - \sqrt{\frac{1}{6}} rrgb$$

$$- \sqrt{\frac{1}{6}} rrbg + \sqrt{\frac{1}{24}} grbr + \sqrt{\frac{1}{24}} brrg$$

$$+ \sqrt{\frac{1}{24}} rgbr + \sqrt{\frac{1}{24}} grbr - \sqrt{\frac{1}{6}} gbrr - \sqrt{\frac{1}{6}} bgrr$$

$$+ \sqrt{\frac{1}{24}} rbgr + \sqrt{\frac{1}{24}} brgr$$

$$\frac{1}{6} \quad \frac{1}{3} \quad \frac{1}{2} \quad -\frac{1}{2}$$

(22)

$$\frac{1}{2} [\sqrt{\frac{2}{3}} ggr - \sqrt{\frac{1}{6}} rgg - \sqrt{\frac{1}{6}} grg] b$$

$$(-\sqrt{\frac{3}{8}}) \frac{1}{2} (gbcr + bgc - rbg - brg) g$$

$$(-\sqrt{\frac{3}{8}}) \sqrt{\frac{1}{3}} [\sqrt{\frac{1}{3}} (rgb + grb) - \sqrt{\frac{1}{12}} (crbg + brg + gbcr + bgc)] g$$

$$(-\sqrt{\frac{3}{8}}) (-\sqrt{\frac{2}{3}}) (\sqrt{\frac{2}{3}} ggb - \sqrt{\frac{1}{6}} gbg - \sqrt{\frac{1}{6}} bgg) r$$

$$= \sqrt{\frac{1}{6}} ggrb - \sqrt{\frac{1}{24}} rggb - \sqrt{\frac{1}{24}} grgb$$

$$-\sqrt{\frac{3}{32}} gbrc - \sqrt{\frac{3}{32}} bgcr + \sqrt{\frac{3}{32}} rbgc + \sqrt{\frac{3}{32}} brgg$$

$$-\sqrt{\frac{1}{24}} rgbc - \sqrt{\frac{1}{24}} grbg + \sqrt{\frac{1}{96}} crbgg + brgg + gbrc + bgcr$$

$$+ \sqrt{\frac{1}{6}} ggbr - \sqrt{\frac{1}{24}} ghgr - \sqrt{\frac{1}{24}} bggr.$$

$$= \sqrt{\frac{1}{6}} ggrb - \sqrt{\frac{1}{24}} rggb - \sqrt{\frac{1}{24}} grgb$$

$$+ \sqrt{\frac{1}{6}} ggbr - \sqrt{\frac{1}{24}} gbgr - \sqrt{\frac{1}{24}} bggr$$

$$- \sqrt{\frac{1}{24}} rgbg - \sqrt{\frac{1}{24}} grbg - \sqrt{\frac{1}{24}} gbrc - \sqrt{\frac{1}{24}} bgcr$$

$$+ \sqrt{\frac{1}{6}} rbgg + \sqrt{\frac{1}{6}} brgg$$

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$$\begin{aligned}
 & \overline{6} - \frac{2}{3} \mid + \mid \\
 & -\sqrt{\frac{1}{2}} (\sqrt{6} rbb + \sqrt{6} brb - \sqrt{\frac{2}{3}} bbr) r \\
 & + \sqrt{\frac{1}{2}} (-\sqrt{\frac{1}{6}} rbr - \sqrt{\frac{1}{6}} brr + \sqrt{\frac{2}{3}} rrb) b \\
 = & -\sqrt{\frac{1}{12}} rbbr - \sqrt{\frac{1}{12}} brbr + \sqrt{\frac{1}{3}} bbrr \\
 & -\sqrt{\frac{1}{12}} rbrb - \sqrt{\frac{1}{12}} brrb + \sqrt{\frac{1}{3}} rrbb.
 \end{aligned}$$

$$\begin{aligned}
 & \overline{6} - \frac{2}{3} \mid 0 \\
 & -\sqrt{\frac{1}{2}} \sqrt{\frac{1}{2}} (\sqrt{6} rbb + \sqrt{6} brb - \sqrt{\frac{2}{3}} bbr) g \\
 & -\sqrt{\frac{1}{2}} \sqrt{\frac{1}{2}} (\sqrt{6} rgb + \sqrt{6} bgb - \sqrt{\frac{2}{3}} bbg) r \\
 & + \sqrt{\frac{1}{2}} [\sqrt{\frac{1}{3}} (rgb + grb) - \sqrt{\frac{1}{12}} (rbg + brg + gbr + bgr)] b \\
 = & -\sqrt{\frac{1}{24}} rbbg - \sqrt{\frac{1}{24}} brbg + \sqrt{\frac{1}{6}} bbrg \\
 & -\sqrt{\frac{1}{24}} gbb - \sqrt{\frac{1}{24}} bgbr + \sqrt{\frac{1}{6}} bbgr. \\
 & + \sqrt{\frac{1}{6}} rgbb + \sqrt{\frac{1}{6}} gybb - \sqrt{\frac{1}{24}} rbgb - \sqrt{\frac{1}{24}} brgb \\
 & - \sqrt{\frac{1}{24}} gbrb - \sqrt{\frac{1}{24}} bgrb.
 \end{aligned}$$

$$6 - \frac{2}{3} \quad | \quad -$$

(24)

$$\begin{aligned}
 & -\sqrt{\frac{1}{2}} (\sqrt{6} gbb + \sqrt{\frac{1}{6}} bgb - \sqrt{\frac{2}{3}} bbg) g \\
 & + \sqrt{\frac{1}{2}} (\sqrt{\frac{2}{3}} ggb - \sqrt{\frac{1}{6}} gbg - \sqrt{\frac{1}{6}} bgg) b \\
 = & -\sqrt{\frac{1}{12}} gbbg - \sqrt{\frac{1}{12}} bgbg + \sqrt{\frac{1}{3}} bbgg \\
 & + \sqrt{\frac{1}{3}} ggbb - \sqrt{\frac{1}{12}} gbgb - \sqrt{\frac{1}{12}} bggb
 \end{aligned}$$

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$$3 \quad \frac{1}{3} \quad \frac{1}{2} + \frac{1}{2}$$

$$\sqrt{\frac{3}{8}} (-\sqrt{\frac{1}{2}})(rgr - grg) b$$

$$(-\frac{1}{4}) [-\sqrt{\frac{1}{3}}(rgb - grb) - \sqrt{\frac{1}{12}}(rbg - brg - gbr + bgr)] r$$

$$(\frac{3}{4}) \sqrt{\frac{2}{3}} \sqrt{\frac{1}{2}} (rbr - brr) g$$

$$(\frac{3}{4})(-\sqrt{\frac{1}{3}}) \frac{1}{2} (rbg - brg + gbr - bgr) r$$

$$\begin{aligned}
 & \frac{3}{4} \quad \frac{1}{2} \\
 & \frac{1}{2} \quad \frac{1}{2} \\
 = & -\sqrt{\frac{3}{16}} rgrb + \sqrt{\frac{3}{16}} grrb + \sqrt{\frac{3}{16}} rbrg - \sqrt{\frac{3}{16}} brrg
 \end{aligned}$$

$$+ \sqrt{\frac{1}{48}} rgbr - \sqrt{\frac{1}{48}} grbr$$

$$-\sqrt{\frac{1}{48}} rbgr + \sqrt{\frac{1}{48}} brgr - \sqrt{\frac{1}{48}} gbrg + \sqrt{\frac{1}{12}} bgrr$$

$$3 \quad \frac{1}{3} \quad \frac{1}{2} \quad -\frac{1}{2}$$

(25)

$$\begin{aligned} & \sqrt{\frac{3}{8}} (-\sqrt{\frac{1}{2}}) (crgg - grgg) b \\ & - \frac{1}{4} [-\sqrt{\frac{1}{3}} (crgb - grb) - \sqrt{\frac{1}{12}} (crbg - brg - gbr + bgr)] g \\ & + \frac{3}{4} \sqrt{\frac{1}{3}} \frac{1}{2} (crhg - brg + gbr - bgr) g \\ & + \frac{3}{4} (-\sqrt{\frac{1}{3}}) \sqrt{\frac{1}{2}} (gbg - bgg) r \end{aligned}$$

$$\begin{aligned} & = -\sqrt{\frac{3}{16}} rggb + \sqrt{\frac{3}{16}} grgb - \sqrt{\frac{3}{16}} gbg r + \sqrt{\frac{3}{16}} bggr \\ & + \sqrt{\frac{1}{48}} rgby - \sqrt{\frac{1}{48}} grbg \\ & + \sqrt{\frac{1}{12}} rbgg - \sqrt{\frac{1}{12}} brgg + \sqrt{\frac{1}{48}} gbrg - \sqrt{\frac{1}{48}} bggr \end{aligned}$$

$$3 - \frac{2}{3} \quad 0 \quad 0$$

$$\begin{aligned} & \frac{1}{2} (-\sqrt{\frac{1}{3}} (crgb - grb) - \sqrt{\frac{1}{12}} (crbg - brg - gbr + bgr)) b \\ & + \sqrt{\frac{3}{4}} \sqrt{\frac{1}{2}} \sqrt{\frac{1}{2}} (crbb - brb) g + \sqrt{\frac{3}{4}} (-\sqrt{\frac{1}{2}}) \sqrt{\frac{1}{2}} (gbbb - bgbb) r \\ & = \sqrt{\frac{3}{16}} (crbbg - brbg - gbb r + bgbr) \\ & + \sqrt{\frac{1}{12}} (crghb + grbb) \\ & + \sqrt{\frac{1}{48}} (rbggb + brgb + gbrb - bggb) \end{aligned}$$

$$\bar{6} \quad \frac{1}{3} \quad \frac{1}{2} \quad + \frac{1}{2}$$

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(26)

$$\frac{1}{2} (-\sqrt{\frac{1}{2}}) (crgr - grr) b$$

$$-\sqrt{\frac{3}{8}} \left[-\sqrt{\frac{1}{3}} (crgb - grb) - \sqrt{\frac{1}{12}} (rbq - brg - gbr + bgr) \right] r$$

$$-\sqrt{\frac{3}{8}} \sqrt{\frac{2}{3}} \sqrt{\frac{1}{2}} (crbr - brr) g$$

$$(-\sqrt{\frac{3}{8}}) (-\sqrt{\frac{1}{3}}) \frac{1}{2} (rbg - brg + gbr - bgr) r$$

$$= -\sqrt{\frac{1}{8}} rgrb + \sqrt{\frac{1}{8}} grrb - \sqrt{\frac{1}{8}} rbrg + \sqrt{\frac{1}{8}} brrg$$

$$-\sqrt{\frac{1}{8}} rgbr - \sqrt{\frac{1}{8}} grbr + \sqrt{\frac{1}{32}} rbgr - \sqrt{\frac{1}{32}} brgr$$

$$-\sqrt{\frac{1}{32}} gbrr + \sqrt{\frac{1}{32}} bgrr + \sqrt{\frac{1}{32}} rbgr - \sqrt{\frac{1}{32}} brgr$$

$$+\sqrt{\frac{1}{32}} gbrr - \sqrt{\frac{1}{32}} bgrr.$$

$$= -\sqrt{\frac{1}{8}} rgrb + \sqrt{\frac{1}{8}} grrb - \sqrt{\frac{1}{8}} rbrg + \sqrt{\frac{1}{8}} brrg$$

$$+\sqrt{\frac{1}{8}} rgbr - \sqrt{\frac{1}{8}} grbr + \sqrt{\frac{1}{8}} rbgr - \sqrt{\frac{1}{8}} brgr.$$

(27)

$$\overline{6} \quad \frac{1}{3} \quad \frac{1}{2} \quad -\frac{1}{2}$$

$$\frac{1}{2} (-\sqrt{\frac{1}{2}}) (crgg - grgg) b$$

$$-\sqrt{\frac{3}{8}} (-\sqrt{\frac{1}{3}} crgb - grb) - \sqrt{\frac{1}{12}} (crbg - brg - gbr + bgr) g$$

$$-\sqrt{\frac{3}{8}} \sqrt{\frac{1}{3}} \frac{1}{2} (crbg - brg + gbr - bgr) g$$

$$(-\sqrt{\frac{3}{8}}) (-\sqrt{\frac{2}{3}}) \sqrt{\frac{1}{2}} (cgbg - bgg) r.$$

$$= -\sqrt{\frac{1}{8}} rggb + \sqrt{\frac{1}{8}} grgb + \sqrt{\frac{1}{8}} gbgr - \sqrt{\frac{1}{8}} bggr.$$

$$+ \sqrt{\frac{1}{8}} rgbg - \sqrt{\frac{1}{8}} grbg - \sqrt{\frac{1}{8}} gbrg + \sqrt{\frac{1}{8}} bgrg$$

$$\overline{6} \quad \frac{4}{3} \quad 0 \quad 0$$

$$-1 \times \sqrt{\frac{1}{2}} (-\sqrt{\frac{1}{2}}) (crgr - grr) g - 1 \times (-\sqrt{\frac{1}{2}}) (-\sqrt{\frac{1}{2}}) (crgg - grgg) r$$

$$= \frac{1}{2} rgrg - \frac{1}{2} grrg - \frac{1}{2} rggr + \frac{1}{2} grgr.$$

$$\overline{6} \quad -\frac{2}{3} \quad 1 \quad + \quad 1$$

~~$$+\cancel{-\sqrt{\frac{1}{2}}} \cancel{(-\sqrt{\frac{1}{2}})} \cancel{(crgr - grr)r}.$$~~

$$(-\sqrt{\frac{1}{2}}) \sqrt{\frac{1}{2}} (crbb - brb) r.$$

$$+(\sqrt{\frac{1}{2}}) \sqrt{\frac{1}{2}} (crbr - brr) b$$

$$= -\frac{1}{2} rbb r + \frac{1}{2} brbr + \frac{1}{2} rbrb - \frac{1}{2} brrb$$

$$\overline{6} - \frac{2}{3} | 0$$

(28)

$$(-\sqrt{\frac{1}{2}})(\sqrt{\frac{1}{2}}) \sqrt{\frac{1}{2}} (crbb - brbb)g$$

$$(-\sqrt{\frac{1}{2}})(\sqrt{\frac{1}{2}}) \sqrt{\frac{1}{2}} (gbbb - bgbb)r$$

$$(\sqrt{\frac{1}{2}}) \frac{1}{2} (crbg - brg + gbr - bgr)b$$

$$= -\sqrt{\frac{1}{8}} rbbb + \sqrt{\frac{1}{8}} brbg - \sqrt{\frac{1}{8}} gbb + \sqrt{\frac{1}{8}} bgbr \\ + \sqrt{\frac{1}{8}} rbgb - \sqrt{\frac{1}{8}} brgb + \sqrt{\frac{1}{8}} gbrb - \sqrt{\frac{1}{8}} bgrb$$

$$\overline{6} - \frac{2}{3} | -$$

$$(-\sqrt{\frac{1}{2}})(\sqrt{\frac{1}{2}}) (gbbb - bgbb)g$$

$$(\sqrt{\frac{1}{2}}) \sqrt{\frac{1}{2}} (gbgb - bggb)b$$

$$= -\frac{1}{2} ghbg + \frac{1}{2} bgbg + \frac{1}{2} gbgb - \frac{1}{2} bggb$$

1	4
2	
3	

$$\frac{1}{3} \frac{1}{2} + \frac{1}{2} \sqrt{\frac{1}{6}} (cgrb - rgb + rbg - brg - gbr + bgr)r$$

$$\frac{1}{3} \frac{1}{2} - \frac{1}{2} \sqrt{\frac{1}{6}} (cgrb - rgb + rbg - brg - gbr + bgr)g$$

$$-\frac{2}{3} 0 0 \sqrt{\frac{1}{6}} (cgrb - rgb + rbg - brg - gbr + bgr)b$$

(29)

1	2
3	5
	4

$$\bar{3} \quad \frac{2}{3} \quad 0 \quad 0$$

$$(-1) \sqrt{\frac{1}{2}} (-\frac{1}{2}rrgb + \frac{1}{4}rgrb + \frac{1}{4}grrb + \frac{1}{2}rrbg - \frac{1}{4}rbrg - \frac{1}{4}brrg + \frac{1}{4}rbgr + \frac{1}{4}brgr - \frac{1}{4}rgbr - \frac{1}{4}grbr, g - (-\sqrt{\frac{1}{2}})(\frac{1}{2}ggrb - \frac{1}{4}rggb - \frac{1}{4}grgb - \frac{1}{2}ggbg + \frac{1}{4}gbgr + \frac{1}{4}bggr + \frac{1}{4}rgbg + \frac{1}{4}grbg - \frac{1}{4}gbrg - \frac{1}{4}bggr, r)$$

(b)

$$= \sqrt{\frac{1}{32}} (2rrgbg - rgrbg - grrbg - 2rrbgb + rbrrg + brrgg - rbgrg - brgrg + rgbrg + grbrg + 2ggrbr - rgybr - grgbr - 2ggbrr + gbgrg + bggrg + rgbgr + grbgr - gbrgr - bggrg).$$

$$\bar{3} - \frac{1}{3} \quad \frac{1}{2} + \frac{1}{2}$$

$$\sqrt{\frac{1}{2}} (-\frac{1}{2}rrgb + \frac{1}{4}rgrb + \frac{1}{4}grrb + \frac{1}{2}rrbg - \frac{1}{4}rbrg - \frac{1}{4}brrg + \frac{1}{4}rbgr + \frac{1}{4}brgr - \frac{1}{4}rgbr - \frac{1}{4}grbr, b - \sqrt{\frac{1}{2}} (\frac{1}{4}gbrb + \frac{1}{4}bgrb - \frac{1}{4}rbgb - \frac{1}{4}brgb + \frac{1}{4}rbbg + \frac{1}{4}brbg - \frac{1}{2}bbrg - \frac{1}{4}gbbr - \frac{1}{4}bgbr + \frac{1}{2}bbgr)) r$$

$$\begin{array}{r} \overline{6} \\ \otimes \\ 3 \end{array} \quad \begin{array}{r} \overline{3} \\ -\frac{1}{3} \\ \hline \frac{1}{2} \end{array}$$

$$\begin{array}{r} \overline{3} \\ \frac{2}{3} \\ 0 \end{array}$$

$$(-1)^{I-i-i'} e^F (-1)$$

$$\begin{array}{cccc} \frac{1}{3} & \frac{1}{2} & -\frac{2}{3} & 0 \\ -\frac{2}{3} & 1 & \frac{1}{3} & \frac{1}{2} \end{array} \quad \begin{array}{c} \boxed{\sqrt{\frac{1}{7}}} \\ \boxed{\sqrt{\frac{3}{4}}} \end{array}$$

(31)

$$\begin{array}{cccc} \frac{4}{3} & 0 & -\frac{2}{3} & 0 \\ \frac{1}{3} & \frac{1}{2} & \frac{1}{3} & \frac{1}{2} \end{array}$$

$$\begin{array}{c} \boxed{\sqrt{\frac{1}{2}}} \\ \boxed{\sqrt{\frac{1}{2}}} \end{array}$$

$$(-1)^{\frac{1}{2}-\frac{1}{2}-0} (-1) \times (-\sqrt{\frac{1}{7}})$$

$$(-1)^{\frac{1}{2}-1-\frac{1}{2}} (-1) (\sqrt{\frac{3}{4}}) = (-1)(-1)\sqrt{\frac{3}{4}}$$

$$(-1)^0 (-1) (-\sqrt{\frac{1}{2}})$$

$$(-1)^0 -\frac{1}{2} -\frac{1}{2} (-1) (\sqrt{\frac{1}{2}})$$

$$= \sqrt{\frac{1}{32}} (-2rrgb\bar{b} + rgrbb\bar{t} + grrbb\bar{t} + 2rrbgb\bar{t} - rbgrb\bar{t} \\ - brrgb\bar{t} + rbgrb\bar{t} + brgrb\bar{t} - rg\cancel{rbb}\bar{t} - grbrb\bar{t} \\ - gbrbr\bar{t} - bgrbr\bar{t} + rbgb\bar{t} + brgb\bar{t} - rbbgr\bar{t} \\ - brbgr\bar{t} + 2bbgr\bar{t} + gbbrr\bar{t} + bgbrr\bar{t} - 2bbgrr\bar{t})$$

$$\overline{3} - \frac{1}{3} \quad \frac{1}{2} \quad - \frac{1}{2}$$

$$\sqrt{\frac{1}{2}} (\frac{1}{2}ggrb - \frac{1}{4}rggb - \frac{1}{4}grgb - \frac{1}{2}ggbr + \frac{1}{4}gbgr \\ + \frac{1}{4}bggr + \frac{1}{4}rgbg + \frac{1}{4}grbg - \frac{1}{4}gbrg - \frac{1}{4}bgrg) b$$

$$- \sqrt{\frac{1}{2}} (\frac{1}{4}gbrb + \frac{1}{4}bgrb - \frac{1}{4}rbgb - \frac{1}{4}brgb + \frac{1}{4}rbbg \\ + \frac{1}{4}brbg - \frac{1}{2}bbg - \frac{1}{4}gbbr - \frac{1}{4}bgbr + \frac{1}{2}bbgr) g$$

$$= \sqrt{\frac{1}{32}} (2ggrbb - rggb\bar{b} - grgb\bar{b} - 2ggbrb + gbgrb \\ + bggrb + rgbg\bar{b} + grbg\bar{b} - gbrg\bar{b} - bg\cancel{rb}\bar{b} \\ - gbrbg\bar{b} - bgrbg\bar{b} + rbgbg\bar{b} + brgbg\bar{b} - rbbgg\bar{b} \\ - brhgg\bar{b} + 2bbgr\bar{b} + gbb\cancel{rg}\bar{b} + bg\cancel{br}\bar{b} - 2bbgr\bar{b})$$

1	2
3	4
5	

$$\bar{3} - \frac{1}{3} \frac{1}{2} + \frac{1}{2}$$

(32)

$$\begin{aligned} & \sqrt{\frac{3}{4}} \sqrt{\frac{2}{3}} (crgrb + grrb - 2rrgb - 2rrbg + rbrg \\ & + brrg + rgbr + grbr - 2gbrr - 2bgrr + rbgr \\ & + brgr) b \end{aligned}$$

$$\sqrt{\frac{3}{4}} \sqrt{\frac{2}{3}} (-\sqrt{\frac{1}{12}} rbbry - \sqrt{\frac{1}{12}} brbr + \sqrt{\frac{1}{3}} bbrr$$

$$-\sqrt{\frac{1}{2}} \sqrt{\frac{1}{6}} - \sqrt{\frac{1}{12}} rbyb - \sqrt{\frac{1}{12}} brrb + \sqrt{\frac{1}{3}} rrbb) g$$

$$\sqrt{\frac{3}{4}} (-\sqrt{\frac{1}{3}}) \sqrt{\frac{1}{24}} (-rbbg - brbg + 2bbrg - gbbr$$

$$- bgbr + 2bbgr + 2rgb + 2grbb$$

$$- rbgb - brgb - gbrb - bgrb) r$$

$$= \frac{1}{4} \sqrt{\frac{1}{6}} (crgrbb + grrb - 2rrgb - 2rrbg + rbrg$$

$$+ brrg + rgbr + grbr - 2gbrr - 2bgrr + rbgr$$

$$+ brgr + rbbgr + brbgr - 2bbgr + gbbrr + bgbr$$

$$- 2bbgr - 2rgbbr - 2grbr + rbgb + brgb +$$

$$gbrbr + bgrbr) - 2rbbrg - 2brbrg + 4bbrrg$$

$$- 2rbrbg - 2brrbg + 4rrbbg)$$

$$\frac{1}{3} - \frac{1}{3} \frac{1}{2} - \frac{1}{2}$$

(33)

$$\sqrt{\frac{1}{4}} \sqrt{\frac{1}{24}} (2ggrb - rggb - grgb + 2ggbr - gbgr - bggr - rrgb - grbg - gbrg - bgrg + 2rbgg + 2brgg) b$$

$$\sqrt{\frac{3}{4}} \sqrt{\frac{1}{3}} \sqrt{\frac{1}{24}} (-rbbg - brbg + 2bbrg - gbbg - bgbr + 2bbgr + 2rgb + 2grbb - rbgb - brgb - gbrb - bgrb) g$$

$$\sqrt{\frac{3}{4}} (-\sqrt{\frac{2}{3}}) \sqrt{\frac{1}{12}} (-gbbg - bgbg + 2bbgg + 2ggbg - gbgb - bggb) r$$

$$= \frac{1}{4} \sqrt{\frac{1}{6}} (2ggrbb - rggb - grgb + 2ggbr - gbgr - bggrb - rrgb - grbg - gbrg - bgrg + 2rbgg + 2brgg - rbbgg - brbg + 2bbrrg - gbbg - bgbr + 2bbgr + 2rgb + 2grbb - rbgb - brgb - gbrg - bgrb + 2gbgr + 2gbgr - 4bbgr - 4ggbbr + 2gbgr + 2bgbr) r$$

$\bar{3} \frac{2}{3} 0 0$

(34)

$$\sqrt{\frac{1}{2}} \sqrt{\frac{1}{12}} (-rgrg - grrg + 2rrgg + 2ggrr - rggr - grgr) b$$

$$\begin{aligned} & \sqrt{\frac{1}{2}} \sqrt{\frac{1}{2}} \sqrt{\frac{1}{24}} (crgrb + grrb - 2rrgb - 2rrbg + rbrg \\ & + brrg + rgbr + grbr - 2gbrr - 2bgrr + rbgr \\ & + brgr) g \end{aligned}$$

$$\begin{aligned} & \sqrt{\frac{1}{2}} (-\sqrt{\frac{1}{2}}) \sqrt{\frac{1}{24}} (2ggrb - rggb - grgb + 2ggbr \\ & - gbgr - bggr - rgbg - grbg - gbrg \\ & - bgry + 2rbgg + 2brgg) r \end{aligned}$$

$$\begin{aligned} & = \frac{1}{4} \sqrt{6} (crgrbg + grrbg - 2rrgbg - 2rrbgg + rbrgbg \\ & + brrgy + rgbrg + grbrg - 2gbrrg - 2bgrrg + \\ & rbgrg + bryrg - 2ggrbr + rggbr + grgb - 2ggbrr \\ & + gbgr + bgrr + rgbrg + grbg + gbrgr + bggr \\ & - 2rbgg r - 2brgg r - 2rgrgb - 2grrgb + 4rrggb \\ & + 4ggyrb - 2rggrb - 2grgrb) \end{aligned}$$

$$\bar{3} \quad \frac{2}{3} \quad 0 \quad 0$$

1	3
2	5
4	

(35)

$$(-1) \left(\sqrt{\frac{1}{2}} \right) \sqrt{\frac{1}{48}} (-3rgrb + 3grrb + 3rbrg - 3brrg \\ + rgbr - grbr - rhgr + brgr - 2gbrr + 2bgrr) g$$

$$(-1) \left(-\sqrt{\frac{1}{2}} \right) \sqrt{\frac{1}{48}} (-3rggb + 3grgb - 3gbgr + 3bggr \\ + rgbg - grbg + gbrg - bggr + 2rbgg - 2brgg) r$$

$$= \cancel{\left(\frac{1}{4} \sqrt{6} \right)} (3rgrbg - 3grrbg - 3rbrgg + 3brrgg \\ - rgbrg + grbrg + rbgrg - brgrg + 2gbrrg \\ - 2bgrrg - 3rggbg + 3grgbg - 3gbgrg + 3bggrg \\ + rgbgr - grbgr + gbrgr - bggrg + 2rbgg - 2brgg) r$$

$$3 - \frac{1}{3} + \frac{1}{2}$$

36

$$\begin{aligned} & \sqrt{\frac{1}{2}} \sqrt{\frac{1}{48}} (-3rgrb + 3grrb + 3rbrg - 3brrg + rgbr - grbr \\ & - rbgr + brgr - 2gbrr + 2bgrr) b \end{aligned}$$

$$-\sqrt{\frac{1}{2}}\sqrt{\frac{1}{4+8}}(3rbbg - 3brbg - 3gbbr + 3bgbr - 2rgbb \\ + 2grbb - rbgb + brgb + gbrb - bgrb)r$$

$$\begin{aligned}
 &= \frac{1}{4} \sqrt{6} (-3rgrbb + 3grrbb + 3rbrgb - 3brrgb + rgbrb \\
 &\quad - grbrb - rbgrb + brgrb - 2gbrrb + 2bgrrb \\
 &\quad - 3rbbgr + 3brbgr + 3gbbrr - 3bgbrr + 2rgbbr - 2grbbr \\
 &\quad + rbgbr - brgbr - gbrbr + bgrbr) \\
 &= \frac{1}{3} - \frac{1}{3} \left(\frac{1}{2} - \frac{1}{2} \right)
 \end{aligned}$$

$$\begin{aligned} \sqrt{\frac{1}{2}}\sqrt{\frac{1}{48}} & (3rggb + 3grgb - 3gbgr + 3bggr + rgbg - grbg + 2rbgg \\ & - 2brgg + gbrg - bgrg) b \end{aligned}$$

$$-\frac{\sqrt{5}}{2}\sqrt{\frac{1}{48}}(3rbbg - 3brbg - 3gbbr + 3bgbr - 2rgb + 2grbb - rbgb + brgb + gbrb - bgrb) \otimes g$$

$$= \frac{1}{4\sqrt{6}} (-3rgbbt + 3grgb - 3gbgrb + 3bggrb + rgbg - grbg - 2rbggb - 2brgg + gbrgb - bgrgb - 3rbbgg + 3brbgg + 3gbbrg - 3gbbrg + 2rgbbg - 2grbbg + rbgbq - brabq - abrba + barba)$$

$$\bar{3} - \frac{1}{3} \quad \frac{1}{2} + \frac{1}{2}$$

1	3
2	4
5	

$$\sqrt{\frac{1}{4}} \sqrt{\frac{1}{8}} (-rgrb + grrb - rbrg + brrg + rgbr - grbr + rbgr - brgr) b$$

$$\sqrt{\frac{3}{4}} \sqrt{\frac{2}{3}} \sqrt{\frac{1}{4}} (-rbbr + brbr + rbrb - brrb) g$$

$$\sqrt{\frac{3}{4}} (-\sqrt{\frac{1}{3}}) \sqrt{\frac{1}{8}} (-rbbg + brbg - gbbt + bgbr + rbgb - brgb + gbrb - bgbr) r$$

$$= \frac{1}{4} \sqrt{\frac{1}{2}} (-rgrb + grrb - rbrg + brrg + rgbr - grbr + rbgr - brgb - 2rbbr + 2brbr + 2rbrb - 2brrb + rbbg - brbg + gbbt - bgbr - rbgb + brgb - gbrb + bgbr) .$$

$$\bar{3} - \frac{1}{3} \quad \frac{1}{2} - \frac{1}{2}$$

$$\sqrt{\frac{1}{4}} \sqrt{\frac{1}{8}} (-rggb + grgb + gbgr - bggr + rgbg - grbg - gbrg + bgrg) b + \sqrt{\frac{3}{4}} \sqrt{\frac{1}{3}} \sqrt{\frac{1}{8}} (-rbbg + brbg - gbbt + bgbr + rbrb - brgb + gbrb - bgrb) g + \sqrt{\frac{3}{4}} (-\sqrt{\frac{2}{3}}) \sqrt{\frac{1}{4}} (-gbbg + bgbg + gbgb - bggb) r$$

~~$$P = \frac{1}{4} \sqrt{\frac{1}{2}} (-rggb + grgb + gbgr - bggr + rgbg - grbg - gbrg + bgrg - rbbg + brbg - gbbt + bgbr + rbgb - brgb + gbrb - bgrb + 2gbbg - 2bgbr - 2gbgb + bggb) .$$~~

$\bar{3} \frac{2}{3} 0 0$

(38)

$$\sqrt{\frac{1}{2}}\sqrt{\frac{1}{4}}(rgrg - grrg - rggg + grgr) b$$

$$\sqrt{\frac{1}{2}}\sqrt{\frac{1}{2}}\sqrt{\frac{1}{8}}(-rgrb + grrb - rbrg + brrg + rgbr - grbr + rbgr - brgr) g$$

$$\sqrt{\frac{1}{2}}(-\sqrt{\frac{1}{2}})(\sqrt{\frac{1}{8}})(-rggb + grgb + gbgr - bggr + rgbg - grbg - gbrg + bggr) Y$$

$$= \frac{1}{4}\sqrt{\frac{1}{2}}(2rgrgb - 2grrgb - 2rggrb + 2grgrb - rgrbg + grrbg - rbrgg + brrgg + rgbrg - grbrg + rbgrg - brgrg + rggbr - grgbr - gbgrr + bggrr - rgbgr + grbgr + gbrgr - bgrgr)$$

 $\bar{3} \frac{2}{3} 0 0$

1	4
2	5
3	

$$(-1)\sqrt{\frac{1}{2}}\sqrt{\frac{1}{6}}(grbr - rgbr + rbgr - brgr - gbrr + bgrr) g$$

$$(-1)(-\sqrt{\frac{1}{2}})\sqrt{\frac{1}{6}}(grbg - rgbb + rbgg - brgg - gbrg + bggr) Y$$

$$= \frac{1}{2}\sqrt{\frac{1}{3}}(-grbrg + rgbrg - rbgrg + brgrg + gbrrg - bgrrg + grbgr - rgbbg + rbggg - brggg - gbrgr + bgrgr)$$

I

$$\frac{1}{3} - \frac{1}{3} \cdot \frac{1}{2} + \frac{1}{2}$$

30

$$\begin{aligned} & \frac{1}{2}\sqrt{\frac{1}{3}}(cgrb - rgb + rbg - brg - gbr + bgr)rb \\ & - \frac{1}{2}\sqrt{\frac{1}{3}}(cgrb - rgb + rbg - brg - gbr + bgr)bgr \end{aligned}$$

$$\frac{1}{3} - \frac{1}{3} \quad \frac{1}{2} \quad - \frac{1}{2}$$

$$\begin{aligned} & \frac{1}{2}\sqrt{\frac{1}{3}}(grb - rbg + rbg - brg - gbr + bgr)gb \\ & - \frac{1}{2}\sqrt{\frac{1}{3}}(grb - rbg + rbg - brg - gbr + bgr)bg \end{aligned}$$

		60
		50
		254
		200
		40
		30
		<u>454</u>
		180
		170
		<u>634</u>
		9200
		<u>9834</u>
		112
		112
		480
		60
		80
		200
		180
		508
		200
		100