

$$\begin{aligned}
& (0,2)(x,y)^4 \\
& 6\phi^{(0,1)}(x,y)\phi^{(0,2)}(x,y)^2\phi^{(0,3)}(x,y) \\
& \frac{3}{2}\phi^{(0,1)}(x,y)^2\phi^{(0,3)}(x,y)^2 \\
& 2\phi^{(0,1)}(x,y)^2\phi^{(0,2)}(x,y)\phi^{(0,4)}(x,y) \\
& -\frac{1}{6}\phi^{(0,4)}(x,y)^2 \\
& \frac{1}{6}\phi^{(0,1)}(x,y)^3\phi^{(0,5)}(x,y) \\
& -\frac{7}{24}\phi^{(0,3)}(x,y)\phi^{(0,5)}(x,y) \\
& -\frac{1}{6}\phi^{(0,2)}(x,y)\phi^{(0,6)}(x,y) \\
& -\frac{1}{24}\phi^{(0,1)}(x,y)\phi^{(0,7)}(x,y) \\
& 3\phi^{(0,2)}(x,y)\phi^{(0,3)}(x,y)\phi^{(1,0)}(x,y)\phi^{(1,1)}(x,y) \\
& \phi^{(0,1)}(x,y)\phi^{(0,4)}(x,y)\phi^{(1,0)}(x,y)\phi^{(1,1)}(x,y) \\
& 3\phi^{(0,2)}(x,y)^2\phi^{(1,1)}(x,y)^2 \\
& 3\phi^{(0,1)}(x,y)\phi^{(0,3)}(x,y)\phi^{(1,1)}(x,y)^2 \\
& \phi^{(1,1)}(x,y)^4 \\
& 3\phi^{(0,2)}(x,y)^2\phi^{(1,0)}(x,y)\phi^{(1,2)}(x,y) \\
& 3\phi^{(0,1)}(x,y)\phi^{(0,3)}(x,y)\phi^{(1,0)}(x,y)\phi^{(1,2)}(x,y) \\
& 9\phi^{(0,1)}(x,y)\phi^{(0,2)}(x,y)\phi^{(1,1)}(x,y)\phi^{(1,2)}(x,y) \\
& 5\phi^{(1,0)}(x,y)\phi^{(1,1)}(x,y)^2\phi^{(1,2)}(x,y) \\
& \frac{3}{2}\phi^{(0,1)}(x,y)^2\phi^{(1,2)}(x,y)^2 \\
& \phi^{(1,0)}(x,y)^2\phi^{(1,2)}(x,y)^2 \\
& 3\phi^{(0,1)}(x,y)\phi^{(0,2)}(x,y)\phi^{(1,0)}(x,y)\phi^{(1,3)}(x,y) \\
& 2\phi^{(0,1)}(x,y)^2\phi^{(1,1)}(x,y)\phi^{(1,3)}(x,y) \\
& \phi^{(1,0)}(x,y)^2\phi^{(1,1)}(x,y)\phi^{(1,3)}(x,y) \\
& -\frac{5}{12}\phi^{(1,3)}(x,y)^2 \\
& \frac{1}{2}\phi^{(0,1)}(x,y)^2\phi^{(1,0)}(x,y)\phi^{(1,4)}(x,y) \\
& -\frac{5}{8}\phi^{(1,2)}(x,y)\phi^{(1,4)}(x,y) \\
& -\frac{1}{4}\phi^{(1,1)}(x,y)\phi^{(1,5)}(x,y) \\
& -\frac{1}{24}\phi^{(1,0)}(x,y)\phi^{(1,6)}(x,y) \\
& \phi^{(0,2)}(x,y)^3\phi^{(2,0)}(x,y) \\
& 3\phi^{(0,1)}(x,y)\phi^{(0,2)}(x,y)\phi^{(0,3)}(x,y)\phi^{(2,0)}(x,y) \\
& \frac{1}{2}\phi^{(0,1)}(x,y)^2\phi^{(0,4)}(x,y)\phi^{(2,0)}(x,y) \\
& -\frac{1}{24}\phi^{(0,6)}(x,y)\phi^{(2,0)}(x,y) \\
& 2\phi^{(0,3)}(x,y)\phi^{(1,0)}(x,y)\phi^{(1,1)}(x,y)\phi^{(2,0)}(x,y) \\
& 4\phi^{(0,2)}(x,y)\phi^{(1,1)}(x,y)^2\phi^{(2,0)}(x,y) \\
& 4\phi^{(0,2)}(x,y)\phi^{(1,0)}(x,y)\phi^{(1,2)}(x,y)\phi^{(2,0)}(x,y) \\
& 6\phi^{(0,1)}(x,y)\phi^{(1,1)}(x,y)\phi^{(1,2)}(x,y)\phi^{(2,0)}(x,y) \\
& 2\phi^{(0,1)}(x,y)\phi^{(1,0)}(x,y)\phi^{(1,3)}(x,y)\phi^{(2,0)}(x,y) \\
& \phi^{(0,2)}(x,y)^2\phi^{(2,0)}(x,y)^2 \\
& \phi^{(0,1)}(x,y)\phi^{(0,3)}(x,y)\phi^{(2,0)}(x,y)^2 \\
& 3\phi^{(1,1)}(x,y)^2\phi^{(2,0)}(x,y)^2 \\
& 3\phi^{(1,0)}(x,y)\phi^{(1,2)}(x,y)\phi^{(2,0)}(x,y)^2 \\
& \phi^{(0,2)}(x,y)\phi^{(2,0)}(x,y)^3 \\
& \phi^{(2,0)}(x,y)^4 \\
& 3\phi^{(0,1)}(x,y)\phi^{(0,2)}(x,y)^2\phi^{(2,1)}(x,y) \\
& \frac{3}{2}\phi^{(0,1)}(x,y)^2\phi^{(0,3)}(x,y)\phi^{(2,1)}(x,y) \\
& -\frac{1}{8}\phi^{(0,5)}(x,y)\phi^{(2,1)}(x,y) \\
& \frac{1}{2}\phi^{(0,3)}(x,y)\phi^{(1,0)}(x,y)^2\phi^{(2,1)}(x,y) \\
& 6\phi^{(0,2)}(x,y)\phi^{(1,0)}(x,y)\phi^{(1,1)}(x,y)\phi^{(2,1)}(x,y) \\
& 5\phi^{(0,1)}(x,y)\phi^{(1,1)}(x,y)^2\phi^{(2,1)}(x,y) \\
& 5\phi^{(0,1)}(x,y)\phi^{(1,0)}(x,y)\phi^{(1,2)}(x,y)\phi^{(2,1)}(x,y) \\
& 4\phi^{(0,1)}(x,y)\phi^{(0,2)}(x,y)\phi^{(2,0)}(x,y)\phi^{(2,1)}(x,y) \\
& 9\phi^{(1,0)}(x,y)\phi^{(1,1)}(x,y)\phi^{(2,0)}(x,y)\phi^{(2,1)}(x,y) \\
& 3\phi^{(0,1)}(x,y)\phi^{(2,0)}(x,y)^2\phi^{(2,1)}(x,y) \\
& \phi^{(0,1)}(x,y)^2\phi^{(2,1)}(x,y)^2 \\
& \frac{3}{2}\phi^{(1,0)}(x,y)^2\phi^{(2,1)}(x,y)^2 \\
& \frac{3}{2}\phi^{(0,1)}(x,y)^2\phi^{(0,2)}(x,y)\phi^{(2,2)}(x,y) \\
& -\frac{1}{4}\phi^{(0,4)}(x,y)\phi^{(2,2)}(x,y) \\
& \phi^{(0,2)}(x,y)\phi^{(1,0)}(x,y)^2\phi^{(2,2)}(x,y)
\end{aligned}$$