FineMath.com

$$r = 1-z+\left(-1+\frac{1}{1+z^2}\right)-\frac{1}{2}\left(\frac{\sin^2\left(\frac{1}{2}\theta\right)}{1+z^2}-\frac{1}{\frac{3}{2}}\frac{\sin^2\left(\frac{3}{2}\theta+\frac{\pi}{3}\right)}{1+z^2}-\frac{1}{\frac{5}{2}}\frac{\sin^2\left(\frac{5}{2}\theta+\frac{7\pi}{5}\right)}{1+z^2}\right)$$
$$-\left(\frac{1}{1+(z-1.5)^4}\right)\left(\sin^2\left(\frac{3}{2}\theta+\frac{\pi}{3}\right)\right)\frac{\frac{1}{1+\left(\left(\frac{5}{4}x^2+y^2\right)^2-3\right)^2}}{1+z^4-\frac{3}{2}z^3}$$
$$-\left(\frac{\frac{1}{3}}{1+(z-1.5)^2}\right)\left(\sin^2\left(2\theta+\frac{5\pi}{7}\right)\right)\frac{\frac{1}{1+\left((2x^2+3y^2)^2-2\right)^2}}{1+z^4-\frac{3}{2}z^3}$$
$$+\frac{\frac{2}{1+\left(\left(\frac{5}{4}x^2+y^2\right)^2-3\right)^2}}{1+z^4-\frac{3}{2}z^3}+\frac{\frac{1}{1+\left((2x^2+3y^2)^2-2\right)^2}}{1+z^4-\frac{3}{2}z^3}+\frac{\frac{\frac{1}{2}}{1+\left((8x^2+8y^2)^2-2\right)^2}}{1+z^4-\frac{3}{2}z^3}$$

The Number of the Rose
by Leif Meyer