

$$\begin{aligned}x' &= 6x - 3y - 5(x^2 + y^2)x + (x^2 + y^2)^2x - 2(x^2 + y^2)y \\y' &= 3x + 6y - 5(x^2 + y^2)y + (x^2 + y^2)^2y + 2(x^2 + y^2)x\end{aligned}$$

