$$-\frac{50000\,v\,\left(u_1\,x^2 + u_1\,y^2 + u_1\,x^2\,\cos\left(2\,\theta\right) - u_1\,y^2\,\cos\left(2\,\theta\right) + 2\,u_1\,x\,y\,\sin\left(2\,\theta\right) - u_2\,v\,x^2\,\sin\left(2\,\theta\right) + u_2\,v\,y^2\,\sin\left(2\,\theta\right) + 2\,u_2\,v\,x\,y\,c\right.}{100000\,x^2 + 100000\,y^2 + 1}$$

$$(1)$$