

系級：\_\_\_\_\_ 學號：\_\_\_\_\_ 姓名：\_\_\_\_\_

1. 試求下述 Bernoulli ODE:  $3(1+x^2)y' = 2xy(y^3 - 1)$

2. 試求下述 Riccati ODE:  $y' = y^2 - 2xy + x^2 + 1$