

3.5 Implicit Differentiation

填充題

1. The **tangent** line to the curve $(x^2 + y^2 - 1)^3 = x^3 + y - 1$ at $(1, 0)$ is

_____.

Ans: $3x + y - 3 = 0$ (or $y = -3x + 3$) [102 學年度]

2. The **slope** of the tangent to $x^3 + xy - \cos(xy) = 0$ at the point $(1, 0)$ is

_____.

Ans: -3 [104 學年度]