姓名:_	SOLUTION		葉均承	應數三科學計算
學:號・		Quiz 3	老	ポロ餠・2021/03/16

## 1. 請框出答案. 2. 禁止作弊!

1. Find the least squares approximating polynomial of degree 2 for the function  $f(x) = e^x$  on the interval [0, 2].

## **Answer:**

仿照 Quiz 4 的作法手算矩陣乘法得到  $1.459x^2 + 0.08208x + 1.167$