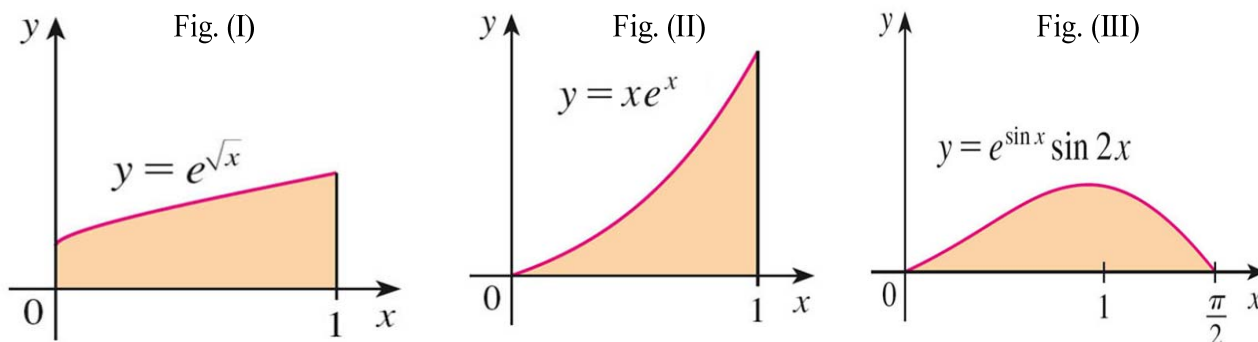


5.5 The Substitution Rule

多選題

1. Which of the following statements are TRUE?



- (A) The shaded areas in Fig. (I) and Fig. (II) are equal.
- (B) The shaded areas in Fig. (II) and Fig. (III) are equal.
- (C) The shaded areas in Fig. (I) and Fig. (III) are equal.
- (D) The shaded areas in Fig. (I), Fig. (II) and Fig. (III) are distinct .

Ans: C [99 學年度]

填充題

1. If f is continuous and $\int_0^1 f(x)dx = 4$, then $\int_0^1 (1-x)f(x^2 - 2x + 1)dx =$

_____.

Ans: 2 [104 學年度]