

7.2 Trigonometric Integrals

單選題

1. The integral

$$\int \sin(x) \cos(x) dx$$

is

(A) $\frac{\cos(2x)}{4} + c;$

(B) $-\frac{\sin(2x)}{2} + c;$

(C) $\frac{\cos^2(x)}{2} + c;$

(D) $\frac{\sin^2(x)}{2} + c.$

Ans: D [104 學年度]