

数Ⅲ(不定積分②・三角関数編)

$$\textcircled{ホ} \int \sin x dx = \textcircled{①} \underline{\hspace{2cm}} + C, \int \cos x dx = \textcircled{②} \underline{\hspace{2cm}} + C$$

$$\int \frac{1}{\sin^2 x} dx = \textcircled{③} \underline{\hspace{2cm}} + C, \int \frac{1}{\cos^2 x} dx = \textcircled{④} \underline{\hspace{2cm}} + C$$

$$\textcircled{⑤} \int (4\sin x - 3\cos x) dx$$

$$\textcircled{⑥} \int \frac{\cos^3 x + 5}{\cos^2 x} dx$$

$$\textcircled{⑦} \int \frac{1}{\tan^2 x} dx$$

