

Finding general solutions to indefinite integrals

- no boundary values
- no point on function is given

Finding Specific Solutions to indefinite integrals

- no boundary values
- 1 given point on the function

Solving definite integrals

- boundary values



it
all
together

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$$① \int_0^{\sqrt{\ln 2}} 7t e^{t^2} dt$$

L3

② $\int_{\frac{\pi}{20}}^{\frac{\pi}{10}} (2+3 \cos 10t)^3 \sin t dt$

[4]

$$\textcircled{3} \int_{-\frac{\pi}{8}}^{\frac{\pi}{8}} \tan(2x) dx$$

115