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實習10.3

(1)

> int((2\*x + 1) \* exp(x), x=0..1)

$$1 + e$$

(1)

(2)

> int( $\frac{1}{(1+x^2)}$ , x=-1..1)

$$\frac{\pi}{2}$$

(2)

(3)

> int((x - a) \* (x - b), x=a..b)

$$-\frac{a^3}{3} + \frac{b^3}{3} + \frac{(-a-b)(-a^2+b^2)}{2} + ab(b-a)$$

(3)

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