

# $\Sigma$ 의 성질

(Propeties of  $\Sigma$ )

## $\Sigma$ 의 성질

## $\sum$ 의 성질

$$\sum_{k=1}^n$$

## $\sum$ 의 성질

$$\sum_{k=1}^n (a_k)$$

## $\sum$ 의 성질

$$\sum_{k=1}^n (a_k \pm b_k)$$

$\sum$  의 성질

$$\sum_{k=1}^n (a_k \pm b_k) = \sum_{k=1}^n a_k$$

$\sum$  의 성질

$$\sum_{k=1}^n (a_k \pm b_k) = \sum_{k=1}^n a_k \pm$$

$\sum$  의 성질

$$\sum_{k=1}^n (a_k \pm b_k) = \sum_{k=1}^n a_k \pm \sum_{k=1}^n b_k$$



$\sum$  의 성질

$$\sum_{k=1}^n (a_k \pm b_k) = \sum_{k=1}^n a_k \pm \sum_{k=1}^n b_k$$

$$\sum_{k=1}^n$$

$\sum$  의 성질

$$\sum_{k=1}^n (a_k \pm b_k) = \sum_{k=1}^n a_k \pm \sum_{k=1}^n b_k$$

$$\sum_{k=1}^n ca_k$$

$\sum$  의 성질

$$\sum_{k=1}^n (a_k \pm b_k) = \sum_{k=1}^n a_k \pm \sum_{k=1}^n b_k$$

$$\sum_{k=1}^n ca_k = c$$

$\sum$  의 성질

$$\sum_{k=1}^n (a_k \pm b_k) = \sum_{k=1}^n a_k \pm \sum_{k=1}^n b_k$$

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$\sum$  의 성질

$$\sum_{k=1}^n (a_k \pm b_k) = \sum_{k=1}^n a_k \pm \sum_{k=1}^n b_k$$

$$\sum_{k=1}^n ca_k = c \sum_{k=1}^n a_k, \quad \sum_{k=1}^n$$

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$$\sum_{k=1}^n (a_k \pm b_k) = \sum_{k=1}^n a_k \pm \sum_{k=1}^n b_k$$

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$$\sum_{k=1}^n (a_k \pm b_k) = (a_1 \pm b_1)$$

$\sum$  의 성질

$$\sum_{k=1}^n (a_k \pm b_k) = \sum_{k=1}^n a_k \pm \sum_{k=1}^n b_k$$

$$\sum_{k=1}^n ca_k = c \sum_{k=1}^n a_k, \quad \sum_{k=1}^n c = cn$$

$$\sum_{k=1}^n (a_k \pm b_k) = (a_1 \pm b_1) + (a_2 \pm b_2)$$

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$$\sum_{k=1}^n (a_k \pm b_k) = (a_1 \pm b_1) + (a_2 \pm b_2) + \cdots$$



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$\sum$ 의 성질

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$$\sum_{k=1}^n (a_k \pm b_k) = \sum_{k=1}^n a_k \pm \sum_{k=1}^n b_k$$

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$$\sum_{k=1}^n$$

$\sum$ 의 성질

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$$\sum_{k=1}^n ca_k$$

$\sum$ 의 성질

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$$\sum_{k=1}^n ca_k = ca_1$$

$\sum$ 의 성질

$$\sum_{k=1}^n (a_k \pm b_k) = \sum_{k=1}^n a_k \pm \sum_{k=1}^n b_k$$

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$$\sum_{k=1}^n ca_k = ca_1 + ca_2$$

$\sum$ 의 성질

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$$\sum_{k=1}^n ca_k = ca_1 + ca_2 + \cdots$$

$\sum$ 의 성질

$$\sum_{k=1}^n (a_k \pm b_k) = \sum_{k=1}^n a_k \pm \sum_{k=1}^n b_k$$

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$$\sum_{k=1}^n ca_k = ca_1 + ca_2 + \cdots + ca_n$$

$\sum$ 의 성질

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$$\sum_{k=1}^n ca_k = ca_1 + ca_2 + \cdots + ca_n =$$



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$$\sum_{k=1}^n (a_k \pm b_k) = \sum_{k=1}^n a_k \pm \sum_{k=1}^n b_k$$

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$$\sum_{k=1}^n ca_k = ca_1 + ca_2 + \cdots + ca_n = c$$

$\sum$  의 성질

$$\sum_{k=1}^n (a_k \pm b_k) = \sum_{k=1}^n a_k \pm \sum_{k=1}^n b_k$$

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$$\sum_{k=1}^n ca_k = ca_1 + ca_2 + \cdots + ca_n = c(a_1$$

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$$\sum_{k=1}^n (a_k \pm b_k) = \sum_{k=1}^n a_k \pm \sum_{k=1}^n b_k$$

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$$\sum_{k=1}^n ca_k = ca_1 + ca_2 + \cdots + ca_n = c(a_1 + a_2 + \cdots + a_n)$$

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$$\sum_{k=1}^n ca_k = ca_1 + ca_2 + \cdots + ca_n = c(a_1 + a_2 + \cdots)$$

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$$\sum_{k=1}^n (a_k \pm b_k) = \sum_{k=1}^n a_k \pm \sum_{k=1}^n b_k$$

$$\sum_{k=1}^n ca_k = c \sum_{k=1}^n a_k, \quad \sum_{k=1}^n c = cn$$

$$\begin{aligned} \sum_{k=1}^n (a_k \pm b_k) &= (a_1 \pm b_1) + (a_2 \pm b_2) + \cdots + (a_n \pm b_n) \\ &= (a_1 + a_2 + \cdots + a_n) \pm (b_1 + b_2 + \cdots + b_n) \\ &= \sum_{k=1}^n a_k \pm \sum_{k=1}^n b_k \end{aligned}$$

$$\sum_{k=1}^n ca_k = ca_1 + ca_2 + \cdots + ca_n = c(a_1 + a_2 + \cdots + a_n)$$

$\sum$ 의 성질

$$\sum_{k=1}^n (a_k \pm b_k) = \sum_{k=1}^n a_k \pm \sum_{k=1}^n b_k$$

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$\sum$ 의 성질

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$$\sum_{k=1}^n ca_k = ca_1 + ca_2 + \cdots + ca_n = c(a_1 + a_2 + \cdots + a_n) = c \sum_{k=1}^n a_k$$

$\sum$ 의 성질

$$\sum_{k=1}^n (a_k \pm b_k) = \sum_{k=1}^n a_k \pm \sum_{k=1}^n b_k$$

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$$\begin{aligned} \sum_{k=1}^n (a_k \pm b_k) &= (a_1 \pm b_1) + (a_2 \pm b_2) + \cdots + (a_n \pm b_n) \\ &= (a_1 + a_2 + \cdots + a_n) \pm (b_1 + b_2 + \cdots + b_n) \\ &= \sum_{k=1}^n a_k \pm \sum_{k=1}^n b_k \end{aligned}$$

$$\sum_{k=1}^n ca_k = ca_1 + ca_2 + \cdots + ca_n = c(a_1 + a_2 + \cdots + a_n) = c \sum_{k=1}^n a_k$$



Github:

<https://min7014.github.io/math20200713001.html>

Click or paste URL into the URL search bar, and you can see a picture moving.