## §1.8 未和符号

$$\frac{1}{12}\left(2a^{2}+b^{2}\right) = \sum_{i=1}^{n}a_{i} + \sum_{i=1}^{n}b_{i}$$

$$2) \sum_{i=1}^{n}(\lambda a_{i}) = \lambda \sum_{i=1}^{n}a_{i}$$

多重成和原则:从的的外对每个成形符号逐次成和。例

$$\sum_{j=1}^{m} \sum_{j=1}^{n} a_{ij} := \sum_{j=1}^{m} \left( \sum_{i=1}^{n} a_{ij} \right)$$

$$\left( \begin{array}{c} \widehat{a}_{1} \\ a_{21} \\ a_{21} \\ a_{22} \\ a_{23} \\ a_{24} \\ a_{24} \\ a_{25} \\ a_{26} \\ a_{26$$

121: 
$$\sum_{j=1}^{m} \sum_{i=1}^{n} a_{i}b_{j} = \sum_{i=1}^{n} a_{i} \cdot \sum_{j=1}^{m} b_{j}$$

$$P_{i}: LHS = \sum_{j=1}^{m} \left(b_{j} \sum_{i=1}^{n} a_{i}\right) = RHS$$

$$\square$$

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  $\land$  为有限架 ,  $\land \rightarrow C$   $\rightarrow C$   $\rightarrow A$   $\rightarrow$