

Задача 01.

Намерете $P(\{\emptyset\} \times \{\{\emptyset\}\}) \times P(\emptyset)$.

$$\text{Решение: } \underbrace{\{\emptyset\}}_a \times \underbrace{\{\{\emptyset\}\}}_b = \{a\} \times \{b\} = \{(a, b)\} = \underbrace{\{(\emptyset, \{\emptyset\})\}}_c$$

$$P(\{c\}) = \{\emptyset, \{c\}\} = \{\emptyset, \{(\emptyset, \{\emptyset\})\}\}$$

$$P(\emptyset) = \{\emptyset\}$$

$$P(\{c\}) \times P(\emptyset) = \{\emptyset, \{c\}\} \times \{\emptyset\} = \{(\emptyset, \emptyset), (\{c\}, \emptyset)\} = \{(\emptyset, \emptyset), (\{(\emptyset, \{\emptyset\})\}, \emptyset)\}$$

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