

**Example 3.181.** [291] *In this model, the first natural number 0 is identified with  $\emptyset$ . Then*

$$1 = 0 \cup \{0\} = \{0\} = \{\emptyset\},$$

$$2 = 1 \cup \{1\} = \{0, 1\} = \{\emptyset, \{\emptyset\}\},$$

$$3 = 2 \cup \{2\} = \{0, 1, 2\} = \{\emptyset, \{\emptyset\}, \{\emptyset, \{\emptyset\}\}\},$$

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