1 Notation

1.1 Hyperoperation

$$a + b = a \overset{1}{\text{—}+\text{—}} b \tag{1}$$

$$a \overset{n}{\text{—}+\text{—}} a \overset{n}{\text{—}+\text{—}} \ldots a = a \overset{n+1}{\text{—}+\text{—}} b \tag{2}$$

1.2 Inverse-hyperoperation

$$c \overset{1}{\text{—}\dot{-}\text{—}} b = c - b \tag{3}$$

$$c \overset{n}{\text{—}\dot{-}\text{—}} b = a \tag{4}$$