

$$S_1 1 = 1 \cdots 0$$

$$S_{10} = 1 \quad S_8 = 2 \cdots S_{10} = 1 \cdots 1$$

$$S_9 = 1 \quad S_6 = S_7 = 2 \cdots S_9 = 1 \cdots 2$$

$$S_8 = 2 \quad S_5 = S_6 = 3 \cdots S_8 = 1 \cdots 3$$

$$S_4 = S_5 = 2 \cdots S_4 = 1 \cdots 4$$

$$S_3 = S_4 = 3 \cdots S_3 = 1 \cdots 5$$

$$S_2 = S_3 = 4 \cdots S_2 = 1 \cdots 6$$

$$S_2 = 2 \cdots S_4 = 1 \cdots 7 \quad S_4 = 3$$

$$S_1 = 2 \cdots S_3 = 1 \cdots 8$$

$$S_2 = 1 \cdots 9$$

$$S_1 = 1 \cdots 10$$

$$S_1 = 1$$