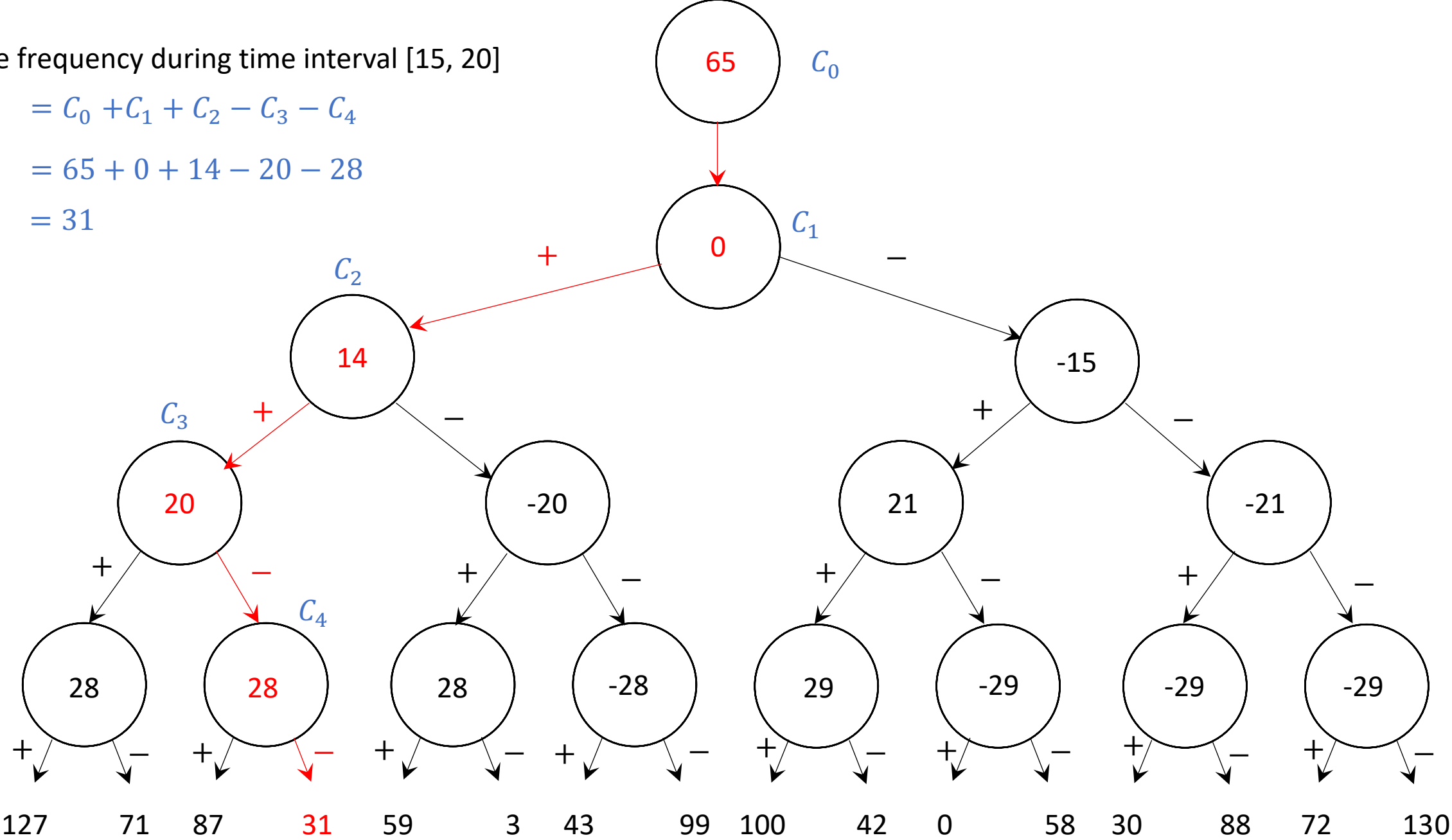
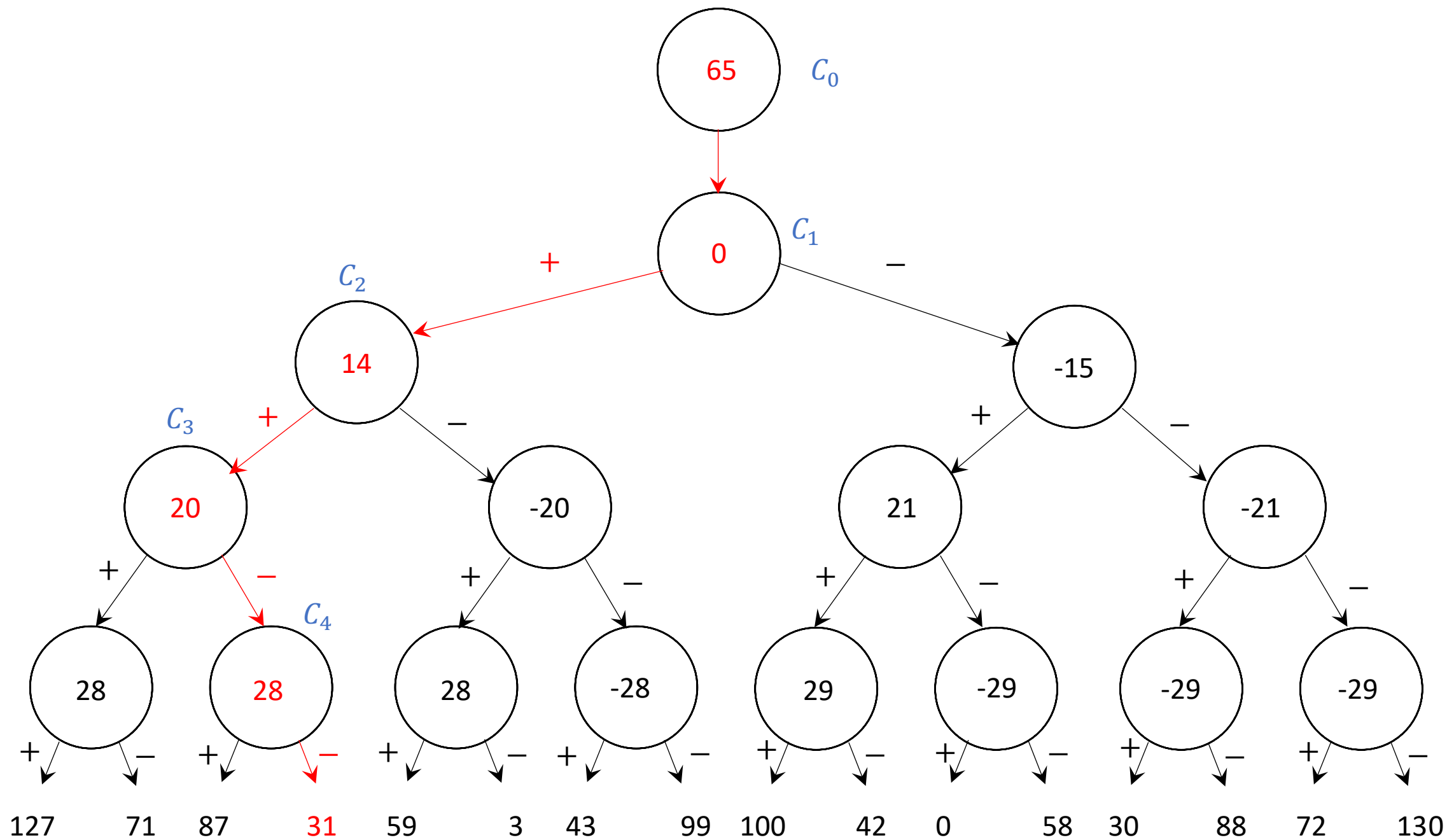


The frequency during time interval [15, 20]

$$\begin{aligned} &= c_0 + c_1 + c_2 - c_3 - c_4 \\ &= 65 + 0 + 14 - 20 - 28 \\ &= 31 \end{aligned}$$





Number of communications during the time interval [15, 20]

$$= C_0 + C_1 + C_2 - C_3 + C_4$$

$$= 65 + 0 + 14 - 20 - 28 = 31$$

Number of communications during the time interval [20, 25]

$$= C_0 + C_1 - C_2 + C_4 + C_6$$

$$= 65 + 0 - 14 + (-20) + 28$$

$$= 59$$

Number of communications during the time interval [25, 30]

$$= C_0 + C_1 - C_2 + C_4 - C_6$$

$$= 65 + 0 - 14 + (-20) - 28$$

$$= 3$$

The total number of communications during the time interval [25, 30]

$$= 31 + 59 + 3 = 93$$

