

# Fondamenti di Informatica

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Stati Finiti

Associazione  
Distribution

} Non rispettata

$$[-999, 999]$$
$$100 + (900 - 600)$$

$$(100 + 900) - 600$$

$$\begin{array}{r} 0 \\ -7 \quad +1 \\ -6 \quad +2 \\ -5 \quad +3 \\ -4 \quad +4 \\ -3 \quad +5 \\ -2 \quad +6 \\ -1 \quad +7 \\ +8 \end{array}$$

$$\sim$$
$$165 = 5 \cdot 10^0 + 6 \cdot 10^1 + 1 \cdot 10^2$$
$$1010101 = 1 \cdot 10^0 + 0 \cdot 2^1 + 1 \cdot 2^2 + 0 \cdot 2^3 + 0 \cdot 2^4 + 1 \cdot 2^5 + 0 \cdot 2^6 + 1 \cdot 2^7$$

M IVX M

345

$$345/2 = 172$$

$$345 \bmod 2 = 1 \longrightarrow 1$$

$$172/2 = 86$$

$$172 \bmod 2 = 0 \longrightarrow 0$$

$$86/2 = 43$$

$$86 \bmod 2 = 0 \longrightarrow 0$$

$$43/2 = 21$$

$$43 \bmod 2 = 1 \longrightarrow 1$$

$$21/2 = 10$$

$$21 \bmod 2 = 1 \longrightarrow 1$$

$$10/2 = 5$$

$$10 \bmod 2 = 0 \longrightarrow 0$$

$$5/2 = 2$$

$$5 \bmod 2 = 1 \longrightarrow 1$$

$$2/2 = 1$$

$$2 \bmod 2 = 0 \longrightarrow 0$$

$$1/2 = 0$$

$$1 \bmod 2 = 1 \longrightarrow 1$$

$$0/2 = 0$$

$$0 \bmod 2 = 0 \longrightarrow 0$$

101011001

0,25

$$0,25 \cdot 2 = 0,50$$

$$0,2570 \longrightarrow 0$$

$$0,50 \cdot 2 = 1$$

$$0,5070 \longrightarrow 0$$

$$1 \cdot 2 = 2$$

$$220 \longrightarrow 1$$

0,0100