

Bài 2 : Chuyển đổi (2)

$$1) \quad \begin{array}{cccc} 3 & 2 & 1 & 0 \\ 1 & 0 & 1 & 0 \end{array} = 0 \cdot 2^0 + 1 \cdot 2^1 + 0 \cdot 2^2 + 1 \cdot 2^3$$

$$= 10$$

$$= 2 + 8 = 10$$

$$2) \quad \begin{array}{cccc} 3 & 2 & 1 & 0 \\ 1 & 1 & 0 & 1 \end{array} = 1 \cdot 2^0 + 0 \cdot 2^1 + 1 \cdot 2^2 + 1 \cdot 2^3$$

$$= 13$$

$$= 1 + 4 + 8 = 13$$

$$3) \quad \begin{array}{cccccc} 5 & 4 & 3 & 2 & 1 & 0 \\ 1 & 0 & 0 & 1 & 1 & 1 \end{array} = 39$$

$$= 1 \cdot 2^0 + 1 \cdot 2^1 + 1 \cdot 2^2 + 0 \cdot 2^3 + 0 \cdot 2^4 + 1 \cdot 2^5$$

$$= 1 + 2 + 4 + 32 = 39$$

$$4) \quad \begin{array}{cccccc} 5 & 4 & 3 & 2 & 1 & 0 \\ 1 & 1 & 1 & 0 & 0 & 0 \end{array} = 56$$

$$= 0 \cdot 2^0 + 0 \cdot 2^1 + 0 \cdot 2^2 + 1 \cdot 2^3 + 1 \cdot 2^4 + 1 \cdot 2^5$$

$$= 8 + 16 + 32 = 56$$

$$5) \quad \begin{array}{ccccccc} 7 & 6 & 5 & 4 & 3 & 2 & 1 & 0 \\ 1 & 0 & 1 & 0 & 1 & 0 & 1 & 0 \end{array} = 250$$

$$= 0 \cdot 2^0 + 1 \cdot 2^1 + 0 \cdot 2^2 + 1 \cdot 2^3 + 0 \cdot 2^4 + 1 \cdot 2^5 + 0 \cdot 2^6 + 1 \cdot 2^7$$

$$= 2 + 8 + 16 + 32 + 64 + 128 = 250$$