

1.6.24

$$\begin{array}{r} 1110101 \\ 1110101_2 \\ + \quad \quad \quad 1 \\ \hline 0001011 \end{array}$$

$$0001011 = 1 \cdot 2^3 + 0 + 1 \cdot 2^1 + 1 \cdot 2^0 = 8 + 2 + 1 = 11$$

$$1110101 = -11$$

1.6.25

$$\begin{array}{r} 10010 \\ 10011_2 - 10010_2 \\ + \quad \quad \quad 1 \\ \hline 01110_2 \end{array} \qquad \begin{array}{r} 1 \overset{7}{1} \overset{4}{0} \overset{1}{1} 1 \\ + 0 \overset{0}{1} 1 1 0 \\ \hline *00001_2 \end{array}$$

$$\begin{array}{r} 01011 \\ 11000_2 - 01011_2 \\ + \quad \quad \quad 1 \\ \hline 10101_2 \end{array} \qquad \begin{array}{r} 1 \ 11000 \\ + 10101 \\ \hline *01101_2 \end{array}$$

$$\begin{array}{r} 00111 \\ 10111_2 - 00111_2 \\ + \quad \quad \quad 1 \\ \hline 11001_2 \end{array} \qquad \begin{array}{r} 1 \overset{4}{1} \overset{1}{1} \overset{1}{1} 1 \\ + 1 \overset{0}{1} \overset{0}{0} \overset{0}{0} 1 \\ \hline *10000_2 \end{array}$$

$$\begin{array}{r} 10011 \\ 10100_2 - 10011_2 \\ + \quad \quad \quad 1 \\ \hline 01101 \end{array} \qquad \begin{array}{r} 1 \overset{4}{1} \overset{1}{0} 100 \\ + 0 \overset{0}{1} 101 \\ \hline *00001 \end{array}$$

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