

# 扩展中国剩余定理

## 例题

题意：求解以下同余方程组

$$\left\{ \begin{array}{l} x \equiv a_1 \pmod{m_1} \\ x \equiv a_2 \pmod{m_2} \\ \vdots \\ x \equiv a_n \pmod{m_n} \end{array} \right.$$

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